

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013484.D
 Acq On : 26 Apr 2023 19:22
 Operator : KP/MD
 Sample : 02401-03MSD
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	140401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	86759	56.370	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.740%			
35) Dibromofluoromethane	7.716	113	75559	52.896	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.800%			
50) Toluene-d8	10.179	98	234122	46.073	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.140%			
62) 4-Bromofluorobenzene	12.477	95	67106	39.172	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	82885	62.097	ug/l	99
3) Chloromethane	2.113	50	116157	64.922	ug/l	99
4) Vinyl Chloride	2.253	62	112956	63.407	ug/l	98
5) Bromomethane	2.656	94	81920	57.705	ug/l	96
6) Chloroethane	2.796	64	77445	62.928	ug/l	96
7) Trichlorofluoromethane	3.131	101	148469	55.014	ug/l	100
8) Diethyl Ether	3.534	74	51759	56.321	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	75496	49.873	ug/l	95
10) Methyl Iodide	4.094	142	77547	40.787	ug/l	98
11) Tert butyl alcohol	4.984	59	44841	258.643	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	78011	53.463	ug/l	84
14) Allyl chloride	4.478	41	109536	40.457	ug/l	96
15) Acrylonitrile	5.167	53	156684	304.431	ug/l	100
16) Acetone	3.954	43	171113	282.311	ug/l	95
17) Carbon Disulfide	4.192	76	268915	56.735	ug/l	98
18) Methyl Acetate	4.478	43	169178	84.510	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	258275	61.310	ug/l	98
20) Methylene Chloride	4.716	84	101769	54.291	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	83015	52.034	ug/l	97
22) Diisopropyl ether	6.118	45	327813	61.945	ug/l	97
23) Vinyl Acetate	6.064	43	522536m	174.394	ug/l	
24) 1,1-Dichloroethane	6.021	63	176245	59.756	ug/l	99
25) 2-Butanone	6.984	43	237834	309.403	ug/l	93
26) 2,2-Dichloropropane	6.978	77	139395	54.848	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	99511	56.453	ug/l	93
28) Bromochloromethane	7.332	49	62571	59.783	ug/l #	78
29) Tetrahydrofuran	7.350	42	155734	325.469	ug/l	89
30) Chloroform	7.502	83	176353	60.139	ug/l	97
31) Cyclohexane	7.783	56	114182	41.436	ug/l	85
32) 1,1,1-Trichloroethane	7.697	97	147821	56.490	ug/l	96
36) 1,1-Dichloropropene	7.917	75	121819	51.386	ug/l	96
37) Ethyl Acetate	7.076	43	101577	56.937	ug/l	95
38) Carbon Tetrachloride	7.905	117	113739	45.775	ug/l	97
39) Methylcyclohexane	9.185	83	87358	31.257	ug/l	97
40) Benzene	8.161	78	370966	55.551	ug/l	99
41) Methacrylonitrile	7.313	41	41173m	49.526	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013484.D
 Acq On : 26 Apr 2023 19:22
 Operator : KP/MD
 Sample : 02401-03MSD
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	128862	59.023	ug/l	99
43) Isopropyl Acetate	8.270	43	182069	60.463	ug/l	94
44) Trichloroethene	8.941	130	90027	50.681	ug/l	96
45) 1,2-Dichloropropane	9.215	63	100129	57.346	ug/l	99
46) Dibromomethane	9.301	93	60959	58.349	ug/l	90
47) Bromodichloromethane	9.496	83	132056	56.490	ug/l	98
48) Methyl methacrylate	9.295	41	90518	65.452	ug/l	92
49) 1,4-Dioxane	9.313	88	13180	883.326	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	545092	324.846	ug/l	95
52) Toluene	10.246	92	208116	51.788	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	121225	48.998	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	132716	47.672	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	81247	58.725	ug/l	96
56) Ethyl methacrylate	10.508	69	114464	59.634	ug/l	87
57) 1,3-Dichloropropane	10.788	76	137050	58.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	195245	271.265	ug/l	92
59) 2-Hexanone	10.831	43	389560	319.371	ug/l	95
60) Dibromochloromethane	10.983	129	90439	53.835	ug/l	98
61) 1,2-Dibromoethane	11.087	107	75674	55.633	ug/l	100
64) Tetrachloroethene	10.721	164	70327	51.857	ug/l	90
65) Chlorobenzene	11.514	112	202996	52.250	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	80788	55.600	ug/l	99
67) Ethyl Benzene	11.593	91	339576	49.775	ug/l	99
68) m/p-Xylenes	11.703	106	246275	94.958	ug/l	97
69) o-Xylene	12.032	106	127449	51.960	ug/l	96
70) Styrene	12.044	104	190622	46.480	ug/l	97
71) Bromoform	12.209	173	55612	54.641	ug/l #	99
73) Isopropylbenzene	12.331	105	258819	60.541	ug/l	98
74) N-amyl acetate	12.142	43	83074	54.606	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	98609	94.367	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	39033m	51.206	ug/l	
77) Bromobenzene	12.605	156	72319	69.814	ug/l	84
78) n-propylbenzene	12.672	91	273836	52.003	ug/l	97
79) 2-Chlorotoluene	12.757	91	174243	59.255	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	176993	50.724	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	22331	59.926	ug/l	91
82) 4-Chlorotoluene	12.855	91	178728	58.314	ug/l	96
83) tert-Butylbenzene	13.075	119	135804	44.923	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	178675	52.668	ug/l	98
85) sec-Butylbenzene	13.251	105	170700	37.624	ug/l	98
86) p-Isopropyltoluene	13.367	119	133008	36.455	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	96199	48.745	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	100125	50.224	ug/l	97
89) n-Butylbenzene	13.696	91	108352	30.427	ug/l	98
90) Hexachloroethane	13.958	117	19990	26.032	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	91521	51.354	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14757	79.962	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	23008	21.654	ug/l #	83
94) Hexachlorobutadiene	15.111	225	7538	12.190	ug/l	98
95) Naphthalene	15.233	128	129810	56.307	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	18686	19.731	ug/l #	85

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013484.D
Acq On : 26 Apr 2023 19:22
Operator : KP/MD
Sample : 02401-03MSD
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230200-2-2MSD

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/27/2023
Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:37:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013484.D
 Acq On : 26 Apr 2023 19:22
 Operator : KP/MD
 Sample : 02401-03MSD
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230200-2-2MSD

Quant Time: Apr 27 01:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

