

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013400.D
 Acq On : 24 Apr 2023 14:26
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042423

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 02:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 24 14:03:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	215817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116389	49.196	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.400%		
35) Dibromofluoromethane	7.716	113	106088	49.053	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.100%		
50) Toluene-d8	10.179	98	365319	47.483	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.960%		
62) 4-Bromofluorobenzene	12.483	95	126399	48.732	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	106106	51.715	ug/l	99
3) Chloromethane	2.113	50	152769	55.548	ug/l	98
4) Vinyl Chloride	2.253	62	149913	54.746	ug/l	98
5) Bromomethane	2.656	94	124019	56.833	ug/l	99
6) Chloroethane	2.796	64	103526	54.725	ug/l	98
7) Trichlorofluoromethane	3.125	101	204714	49.348	ug/l	97
8) Diethyl Ether	3.527	74	72016	50.979	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	115764	49.751	ug/l	94
10) Methyl Iodide	4.088	142	151177	51.728	ug/l	99
11) Tert butyl alcohol	4.984	59	60624	240.477	ug/l	100
12) 1,1-Dichloroethene	3.869	96	110650	49.332	ug/l	88
13) Acrolein	3.729	56	46261	222.831	ug/l	91
14) Allyl chloride	4.478	41	219475	52.735	ug/l	96
15) Acrylonitrile	5.161	53	197518	249.663	ug/l	98
16) Acetone	3.954	43	241517	259.225	ug/l	95
17) Carbon Disulfide	4.192	76	364916	50.086	ug/l	99
18) Methyl Acetate	4.478	43	152646	49.606	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	344036	53.130	ug/l	100
20) Methylene Chloride	4.710	84	148277	50.957	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	125187	51.047	ug/l	96
22) Diisopropyl ether	6.112	45	452808	55.665	ug/l	92
23) Vinyl Acetate	6.057	43	1261973m	271.943	ug/l	
24) 1,1-Dichloroethane	6.015	63	237031	52.282	ug/l	100
25) 2-Butanone	6.984	43	307770	260.472	ug/l	93
26) 2,2-Dichloropropane	6.978	77	203422	52.071	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	144202	53.219	ug/l	94
28) Bromochloromethane	7.332	49	82870	51.510	ug/l #	80
29) Tetrahydrofuran	7.350	42	187784	255.311	ug/l	90
30) Chloroform	7.502	83	238159	52.835	ug/l	92
31) Cyclohexane	7.783	56	211382	49.903	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	201593	50.118	ug/l	97
36) 1,1-Dichloropropene	7.917	75	178195	49.646	ug/l	97
37) Ethyl Acetate	7.069	43	131607	48.724	ug/l	97
38) Carbon Tetrachloride	7.899	117	182883	48.613	ug/l	98
39) Methylcyclohexane	9.185	83	212402	50.196	ug/l	96
40) Benzene	8.161	78	511550	50.595	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013400.D
 Acq On : 24 Apr 2023 14:26
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042423

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 02:03:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 24 14:03:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	57575	45.643	ug/l #	89
42) 1,2-Dichloroethane	8.234	62	168844	51.079	ug/l	99
43) Isopropyl Acetate	8.270	43	233012	51.108	ug/l	95
44) Trichloroethene	8.935	130	131630	48.943	ug/l	96
45) 1,2-Dichloropropane	9.215	63	136829	51.759	ug/l	99
46) Dibromomethane	9.301	93	79648	50.354	ug/l	94
47) Bromodichloromethane	9.496	83	184684	52.179	ug/l	99
48) Methyl methacrylate	9.289	41	109186	52.145	ug/l	92
49) 1,4-Dioxane	9.313	88	22315	987.786	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	644598	253.721	ug/l	95
52) Toluene	10.240	92	308805	50.754	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	196930	52.572	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	218425	51.821	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	104465	49.871	ug/l	94
56) Ethyl methacrylate	10.508	69	153627	52.863	ug/l	88
57) 1,3-Dichloropropane	10.788	76	183604	51.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	251605	230.884	ug/l	92
59) 2-Hexanone	10.831	43	477261	258.426	ug/l	96
60) Dibromochloromethane	10.983	129	130457	51.291	ug/l	99
61) 1,2-Dibromoethane	11.087	107	104910	50.941	ug/l	100
64) Tetrachloroethene	10.721	164	109567	47.616	ug/l	99
65) Chlorobenzene	11.514	112	332878	50.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	123412	50.058	ug/l	99
67) Ethyl Benzene	11.593	91	590315	50.997	ug/l	99
68) m/p-Xylenes	11.703	106	449853	102.228	ug/l	98
69) o-Xylene	12.026	106	218007	52.383	ug/l	99
70) Styrene	12.044	104	369439	53.091	ug/l	99
71) Bromoform	12.209	173	85116	49.289	ug/l #	99
73) Isopropylbenzene	12.331	105	558113	50.507	ug/l	98
74) N-amyl acetate	12.142	43	210967	53.650	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	135675	50.232	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	100282m	49.711	ug/l	
77) Bromobenzene	12.611	156	135194	50.493	ug/l	90
78) n-propylbenzene	12.672	91	702595	51.620	ug/l	97
79) 2-Chlorotoluene	12.757	91	391271	51.478	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	466809	51.758	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	48553	50.408	ug/l	95
82) 4-Chlorotoluene	12.855	91	404663	51.080	ug/l	97
83) tert-Butylbenzene	13.074	119	392820	50.272	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	458724	52.314	ug/l	100
85) sec-Butylbenzene	13.251	105	596175	50.837	ug/l	98
86) p-Isopropyltoluene	13.367	119	487637	51.708	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	258488	50.673	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	254426	49.375	ug/l	99
89) n-Butylbenzene	13.696	91	476567	51.776	ug/l	98
90) Hexachloroethane	13.958	117	97636	49.191	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	234149	50.831	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21735	45.564	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	137365	50.017	ug/l	98
94) Hexachlorobutadiene	15.111	225	77708	48.618	ug/l	98
95) Naphthalene	15.239	128	296302	49.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	120930	49.403	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
Data File : VY013400.D
Acq On : 24 Apr 2023 14:26
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042423

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

Quant Time: Apr 25 02:03:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 24 14:03:33 2023
Response via : Initial Calibration

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

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

