

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013165.D
 Acq On : 03 Apr 2023 10:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 23:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	176742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67181	45.638	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.280%		
35) Dibromofluoromethane	7.722	113	63187	49.081	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.160%		
50) Toluene-d8	10.179	98	244235	50.252	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.500%		
62) 4-Bromofluorobenzene	12.483	95	80043	50.596	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	62896	46.841	ug/l	97
3) Chloromethane	2.113	50	56226	40.154	ug/l	98
4) Vinyl Chloride	2.253	62	58431	41.620	ug/l	99
5) Bromomethane	2.656	94	43672	44.079	ug/l	96
6) Chloroethane	2.796	64	37719	42.891	ug/l	100
7) Trichlorofluoromethane	3.131	101	121150	48.487	ug/l	99
8) Diethyl Ether	3.534	74	37451	47.732	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	64262	46.650	ug/l	95
10) Methyl Iodide	4.094	142	93752	52.264	ug/l	99
11) Tert butyl alcohol	4.948	59	30234	227.884	ug/l	99
12) 1,1-Dichloroethene	3.875	96	63661	47.806	ug/l	93
13) Acrolein	3.729	56	41773	224.364	ug/l	99
14) Allyl chloride	4.485	41	102445	45.151	ug/l	94
15) Acrylonitrile	5.167	53	87360	224.067	ug/l	98
16) Acetone	3.948	43	126659	281.387	ug/l	97
17) Carbon Disulfide	4.198	76	198959	44.864	ug/l	99
18) Methyl Acetate	4.485	43	62412	44.005	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	167689	49.694	ug/l	96
20) Methylene Chloride	4.716	84	73763	47.166	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	71401	47.588	ug/l	94
22) Diisopropyl ether	6.118	45	199360	44.972	ug/l	94
23) Vinyl Acetate	6.064	43	578753	229.585	ug/l	97
24) 1,1-Dichloroethane	6.021	63	119877	45.660	ug/l	100
25) 2-Butanone	6.984	43	138643	246.329	ug/l	98
26) 2,2-Dichloropropane	6.984	77	113824	48.202	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	78619	48.638	ug/l	96
28) Bromochloromethane	7.332	49	50090	44.463	ug/l	86
29) Tetrahydrofuran	7.350	42	72770	218.411	ug/l	93
30) Chloroform	7.508	83	127500	46.897	ug/l	98
31) Cyclohexane	7.783	56	103039	42.877	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	118840	49.439	ug/l	99
36) 1,1-Dichloropropene	7.917	75	95941	49.502	ug/l	98
37) Ethyl Acetate	7.069	43	49355	44.829	ug/l	98
38) Carbon Tetrachloride	7.905	117	112060	52.402	ug/l	97
39) Methylcyclohexane	9.185	83	114454	50.337	ug/l	98
40) Benzene	8.161	78	275145	49.152	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013165.D
 Acq On : 03 Apr 2023 10:21
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 03 23:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	21134m	43.270	ug/l	
42) 1,2-Dichloroethane	8.234	62	85006	49.565	ug/l	100
43) Isopropyl Acetate	8.270	43	93546	47.468	ug/l	96
44) Trichloroethene	8.941	130	78225	50.763	ug/l	99
45) 1,2-Dichloropropane	9.215	63	65720	46.885	ug/l	97
46) Dibromomethane	9.307	93	40171	49.887	ug/l	94
47) Bromodichloromethane	9.496	83	97326	50.092	ug/l #	99
48) Methyl methacrylate	9.295	41	43621	47.527	ug/l	93
49) 1,4-Dioxane	9.295	88	9978	1041.595	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	252833	237.720	ug/l	97
52) Toluene	10.246	92	176004	50.687	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	100508	50.609	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	112214	49.474	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	55871	50.195	ug/l	94
56) Ethyl methacrylate	10.514	69	72441	51.763	ug/l	96
57) 1,3-Dichloropropane	10.788	76	92288	49.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	151061	230.850	ug/l	94
59) 2-Hexanone	10.831	43	205108	266.650	ug/l	98
60) Dibromochloromethane	10.983	129	72890	52.139	ug/l	99
61) 1,2-Dibromoethane	11.093	107	53761	49.849	ug/l	99
64) Tetrachloroethene	10.721	164	71469	52.599	ug/l	97
65) Chlorobenzene	11.520	112	189660	50.548	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	73133	51.991	ug/l	99
67) Ethyl Benzene	11.593	91	337033	52.008	ug/l	98
68) m/p-Xylenes	11.703	106	265254	105.812	ug/l	100
69) o-Xylene	12.032	106	125731	54.073	ug/l	96
70) Styrene	12.044	104	213068	54.778	ug/l	99
71) Bromoform	12.209	173	48163	55.217	ug/l #	96
73) Isopropylbenzene	12.331	105	330668	52.594	ug/l	99
74) N-amyl acetate	12.142	43	83954	48.634	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	63262	48.036	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	43002m	42.027	ug/l	
77) Bromobenzene	12.611	156	81543	52.167	ug/l	91
78) n-propylbenzene	12.672	91	392057	50.716	ug/l	98
79) 2-Chlorotoluene	12.757	91	220735	50.321	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	276136	52.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22697	49.469	ug/l	97
82) 4-Chlorotoluene	12.855	91	230350	50.457	ug/l	99
83) tert-Butylbenzene	13.075	119	239853	53.125	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	272461	52.929	ug/l	99
85) sec-Butylbenzene	13.257	105	354805	52.047	ug/l	100
86) p-Isopropyltoluene	13.373	119	299668	53.397	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	159892	51.601	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	159390	51.333	ug/l	99
89) n-Butylbenzene	13.696	91	267888	51.062	ug/l	98
90) Hexachloroethane	13.965	117	58665	50.180	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	141961	51.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10629	48.502	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	89159	55.249	ug/l	99
94) Hexachlorobutadiene	15.117	225	52940	53.340	ug/l	99
95) Naphthalene	15.239	128	172867	50.536	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	78898	55.492	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
Data File : VY013165.D
Acq On : 03 Apr 2023 10:21
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: Apr 03 23:04:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

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

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

