

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
 Data File : VY020320.D
 Acq On : 17 Nov 2024 12:53
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

Quant Time: Nov 18 01:51:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 18 01:33:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	286327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	559050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	486018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	195184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	167887	53.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.580%
35) Dibromofluoromethane	7.640	113	162169	41.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.120%
50) Toluene-d8	10.109	98	554503	39.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.760%
62) 4-Bromofluorobenzene	12.408	95	193751	45.277	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	111809	51.613	ug/l	100
3) Chloromethane	2.068	50	203004	54.450	ug/l	100
4) Vinyl Chloride	2.208	62	220489	53.575	ug/l	100
5) Bromomethane	2.599	94	129470	51.932	ug/l	100
6) Chloroethane	2.739	64	136391	52.758	ug/l	100
7) Trichlorofluoromethane	3.062	101	286067	50.696	ug/l	100
8) Diethyl Ether	3.458	74	74597	53.989	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	138918	50.447	ug/l	100
10) Methyl Iodide	4.013	142	147348	52.539	ug/l	100
11) Tert butyl alcohol	4.872	59	56047	328.431	ug/l	100
12) 1,1-Dichloroethene	3.793	96	134992	50.124	ug/l	100
13) Acrolein	3.659	56	73246	261.310	ug/l	100
14) Allyl chloride	4.391	41	242303	51.313	ug/l	100
15) Acrylonitrile	5.068	53	176866	284.489	ug/l	100
16) Acetone	3.873	43	231859	317.186	ug/l	100
17) Carbon Disulfide	4.110	76	438580	51.668	ug/l	100
18) Methyl Acetate	4.391	43	85201	57.046	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	381078	55.174	ug/l	100
20) Methylene Chloride	4.623	84	149885	49.952	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	154685	50.927	ug/l	100
22) Diisopropyl ether	6.025	45	637547	59.086	ug/l	100
23) Vinyl Acetate	5.964	43	2046798	334.176	ug/l	100
24) 1,1-Dichloroethane	5.921	63	383254	60.102	ug/l	100
25) 2-Butanone	6.903	43	307909	292.976	ug/l	100
26) 2,2-Dichloropropane	6.890	77	265910	49.796	ug/l	100
27) cis-1,2-Dichloroethene	6.897	96	192624	50.796	ug/l	100
28) Bromochloromethane	7.250	49	173607	58.658	ug/l	100
29) Tetrahydrofuran	7.268	42	227903	355.858	ug/l	100
30) Chloroform	7.427	83	386642	55.094	ug/l	100
31) Cyclohexane	7.707	56	298774	46.721	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	331598	52.948	ug/l	100
36) 1,1-Dichloropropene	7.841	75	228513	38.786	ug/l	100
37) Ethyl Acetate	6.988	43	142737	51.725	ug/l	100
38) Carbon Tetrachloride	7.823	117	244052	38.462	ug/l	100
39) Methylcyclohexane	9.110	83	334644	43.720	ug/l	100
40) Benzene	8.085	78	714506	43.327	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
 Data File : VY020320.D
 Acq On : 17 Nov 2024 12:53
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

Quant Time: Nov 18 01:51:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 18 01:33:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	75914	48.330	ug/l	100
42) 1,2-Dichloroethane	8.165	62	198719	44.894	ug/l	100
43) Isopropyl Acetate	8.201	43	230721	47.389	ug/l	100
44) Trichloroethene	8.866	130	162466	39.826	ug/l	100
45) 1,2-Dichloropropane	9.140	63	166051	41.086	ug/l	100
46) Dibromomethane	9.231	93	91825	42.661	ug/l	100
47) Bromodichloromethane	9.427	83	239178	39.597	ug/l	100
48) Methyl methacrylate	9.225	41	111665	45.719	ug/l	100
49) 1,4-Dioxane	9.238	88	21279	957.189	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	737730	268.198	ug/l	100
52) Toluene	10.170	92	423871	41.310	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	275760	48.499	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	306560	48.679	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	148923	48.581	ug/l	100
56) Ethyl methacrylate	10.439	69	230749	52.660	ug/l	100
57) 1,3-Dichloropropane	10.719	76	267950	49.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	366289	204.903	ug/l	100
59) 2-Hexanone	10.762	43	620691	295.064	ug/l	100
60) Dibromochloromethane	10.914	129	188432	49.860	ug/l	100
61) 1,2-Dibromoethane	11.018	107	134806	52.174	ug/l	100
64) Tetrachloroethene	10.646	164	189210	46.669	ug/l	100
65) Chlorobenzene	11.444	112	547707	50.905	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	182420	51.951	ug/l	100
67) Ethyl Benzene	11.518	91	1026196	51.761	ug/l	100
68) m/p-Xylenes	11.627	106	741407	103.075	ug/l	100
69) o-Xylene	11.957	106	341021	50.353	ug/l	100
70) Styrene	11.969	104	577145	50.307	ug/l	100
71) Bromoform	12.133	173	88487	48.579	ug/l #	100
73) Isopropylbenzene	12.255	105	819820	46.780	ug/l	100
74) N-amyl acetate	12.072	43	243020	55.517	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	150479	52.284	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	118389m	53.565	ug/l	
77) Bromobenzene	12.530	156	171284	47.981	ug/l	100
78) n-propylbenzene	12.597	91	1004428	47.438	ug/l	100
79) 2-Chlorotoluene	12.682	91	568686	47.108	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	675217	46.902	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	49684	53.444	ug/l	100
82) 4-Chlorotoluene	12.780	91	605603	48.708	ug/l	100
83) tert-Butylbenzene	12.999	119	581241	44.888	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	734610	52.672	ug/l	100
85) sec-Butylbenzene	13.176	105	894207	48.651	ug/l	100
86) p-Isopropyltoluene	13.292	119	716669	49.183	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	344735	49.065	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	339570	48.411	ug/l	100
89) n-Butylbenzene	13.621	91	813251	52.501	ug/l	100
90) Hexachloroethane	13.883	117	143161	47.190	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	338199	52.168	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	24362	55.411	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	170566	48.694	ug/l	100
94) Hexachlorobutadiene	15.029	225	87861	46.629	ug/l	100
95) Naphthalene	15.145	128	328085	54.719	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	144726	51.120	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
Data File : VY020320.D
Acq On : 17 Nov 2024 12:53
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
Supervised By :Semsettin Yesilyurt 11/18/2024

Quant Time: Nov 18 01:51:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 18 01:33:11 2024
Response via : Initial Calibration

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

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

