

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009674.D
 Acq On : 25 Jul 2022 09:40
 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

07/26/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 26 05:54:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	207205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	299587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	100661	51.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.740%	
35) Dibromofluoromethane	7.704	113	102305	54.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.173	98	382929	52.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.477	95	130938	55.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 111.380%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	80024	44.014	ug/l	99
3) Chloromethane	2.107	50	121043	44.925	ug/l	96
4) Vinyl Chloride	2.241	62	130467	46.305	ug/l	99
5) Bromomethane	2.638	94	96145	50.416	ug/l	99
6) Chloroethane	2.778	64	85474	49.941	ug/l	100
7) Trichlorofluoromethane	3.113	101	167512	50.172	ug/l	95
8) Diethyl Ether	3.522	74	54548	49.935	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.881	101	98248	50.322	ug/l	93
10) Methyl Iodide	4.076	142	125032	48.211	ug/l	88
11) Tert butyl alcohol	4.948	59	43610	220.214	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	91437	47.986	ug/l	81
13) Acrolein	3.717	56	28862	206.011	ug/l	99
14) Allyl chloride	4.466	41	135066	45.822	ug/l #	92
15) Acrylonitrile	5.149	53	133372	247.210	ug/l	98
16) Acetone	3.936	43	122536	247.182	ug/l #	89
17) Carbon Disulfide	4.180	76	243346	41.080	ug/l	100
18) Methyl Acetate	4.466	43	60671	43.600	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	260630	51.898	ug/l	96
20) Methylene Chloride	4.698	84	110513	43.207	ug/l #	81
21) trans-1,2-Dichloroethene	5.204	96	106142	49.216	ug/l	87
22) Diisopropyl ether	6.106	45	309441	49.163	ug/l #	93
23) Vinyl Acetate	6.045	43	987721	248.714	ug/l #	91
24) 1,1-Dichloroethane	6.003	63	183092	50.364	ug/l	98
25) 2-Butanone	6.972	43	178359	246.653	ug/l #	87
26) 2,2-Dichloropropane	6.966	77	164894	50.632	ug/l	92
27) cis-1,2-Dichloroethene	6.972	96	124334	52.144	ug/l	84
28) Bromochloromethane	7.320	49	78740	50.551	ug/l #	75
29) Tetrahydrofuran	7.338	42	114126	240.389	ug/l #	86
30) Chloroform	7.496	83	195075	52.456	ug/l	98
31) Cyclohexane	7.777	56	148600	43.005	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	173891	52.131	ug/l	95
36) 1,1-Dichloropropene	7.905	75	141897	50.876	ug/l	96
37) Ethyl Acetate	7.064	43	76788	49.468	ug/l	95
38) Carbon Tetrachloride	7.887	117	158816	54.396	ug/l	100
39) Methylcyclohexane	9.179	83	170242	49.504	ug/l	89
40) Benzene	8.155	78	421304	51.624	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	43693m	58.659	ug/l	
42) 1,2-Dichloroethane	8.228	62	122295	53.418	ug/l	90
43) Isopropyl Acetate	8.265	43	140668	49.455	ug/l #	90
44) Trichloroethene	8.929	130	125746	54.178	ug/l	95
45) 1,2-Dichloropropane	9.210	63	104778	52.330	ug/l	98
46) Dibromomethane	9.301	93	63122	54.281	ug/l	94
47) Bromodichloromethane	9.490	83	149759	54.921	ug/l	99
48) Methyl methacrylate	9.289	41	64403	51.249	ug/l #	86
49) 1,4-Dioxane	9.289	88	16468	1062.402	ug/l #	82
51) 4-Methyl-2-Pentanone	10.063	43	381475	258.303	ug/l	89
52) Toluene	10.240	92	277450	53.671	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	152804	54.256	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	173075	54.047	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	90017	54.964	ug/l	98
56) Ethyl methacrylate	10.508	69	113845	54.334	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	147448	54.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	298535	262.311	ug/l	92
59) 2-Hexanone	10.831	43	270857	263.690	ug/l	88
60) Dibromochloromethane	10.977	129	112343	56.689	ug/l	100
61) 1,2-Dibromoethane	11.087	107	87710	54.892	ug/l	98
64) Tetrachloroethene	10.715	164	120567	55.972	ug/l	99
65) Chlorobenzene	11.514	112	301428	53.593	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	117351	56.157	ug/l	98
67) Ethyl Benzene	11.587	91	524984	53.070	ug/l	98
68) m/p-Xylenes	11.697	106	422966	107.436	ug/l	90
69) o-Xylene	12.026	106	200036	54.295	ug/l	90
70) Styrene	12.038	104	341913	55.797	ug/l	94
71) Bromoform	12.203	173	75435	57.203	ug/l #	100
73) Isopropylbenzene	12.325	105	527659	51.658	ug/l	99
74) N-amyl acetate	12.142	43	129434	47.646	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	101892	49.810	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	71327m	50.753	ug/l	
77) Bromobenzene	12.605	156	133308	51.899	ug/l	87
78) n-propylbenzene	12.666	91	631045	51.127	ug/l	97
79) 2-Chlorotoluene	12.758	91	352547	51.518	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	445019	52.725	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	36750	51.561	ug/l #	85
82) 4-Chlorotoluene	12.849	91	367057	51.703	ug/l	95
83) tert-Butylbenzene	13.075	119	398021	53.078	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	440085	52.136	ug/l	97
85) sec-Butylbenzene	13.251	105	582199	52.366	ug/l	98
86) p-Isopropyltoluene	13.367	119	494137	52.887	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	264908	52.136	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	262553	52.115	ug/l	98
89) n-Butylbenzene	13.697	91	446853	52.367	ug/l	98
90) Hexachloroethane	13.959	117	93280	51.821	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	234000	52.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16411	52.733	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	152135	54.607	ug/l	99
94) Hexachlorobutadiene	15.111	225	89887	54.386	ug/l	98
95) Naphthalene	15.233	128	287331	54.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	131414	53.698	ug/l	99

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

