

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006732.D
 Acq On : 15 Nov 2021 13:22
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 16 04:04:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 03:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	134331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	209572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	93445	53.077	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.160%			
35) Dibromofluoromethane	7.728	113	66644	51.771	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.540%			
50) Toluene-d8	10.185	98	277464	52.087	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.180%			
62) 4-Bromofluorobenzene	12.489	95	94218	52.465	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	63985	49.599	ug/l	94
3) Chloromethane	2.119	50	97667	50.325	ug/l	99
4) Vinyl Chloride	2.260	62	98843	50.165	ug/l	99
5) Bromomethane	2.656	94	52853	50.341	ug/l	99
6) Chloroethane	2.802	64	61714	51.197	ug/l	97
7) Trichlorofluoromethane	3.144	101	122034	49.420	ug/l	96
8) Diethyl Ether	3.546	74	43362	52.727	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.918	101	64813	49.421	ug/l	100
10) Methyl Iodide	4.107	142	84484	51.536	ug/l	99
11) Tert butyl alcohol	4.972	59	58392	220.540	ug/l	95
12) 1,1-Dichloroethene	3.887	96	65229	50.150	ug/l	98
13) Acrolein	3.741	56	10528	284.244	ug/l	97
14) Allyl chloride	4.497	41	147827	50.458	ug/l	97
15) Acrylonitrile	5.180	53	134533	283.619	ug/l	99
16) Acetone	3.960	43	157027	293.558	ug/l	99
17) Carbon Disulfide	4.210	76	230407	50.185	ug/l	99
18) Methyl Acetate	4.491	43	96658	55.821	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	220983	53.900	ug/l	99
20) Methylene Chloride	4.729	84	80705	42.693	ug/l	96
21) trans-1,2-Dichloroethene	5.241	96	75028	50.493	ug/l	97
22) Diisopropyl ether	6.131	45	298374	51.617	ug/l	96
23) Vinyl Acetate	6.076	43	953599	273.192	ug/l	99
24) 1,1-Dichloroethane	6.033	63	146857	49.774	ug/l	99
25) 2-Butanone	6.996	43	215461	300.783	ug/l	97
26) 2,2-Dichloropropane	6.996	77	133071	49.912	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	84254	50.206	ug/l	95
28) Bromochloromethane	7.350	49	69214	49.870	ug/l	91
29) Tetrahydrofuran	7.362	42	130812	294.684	ug/l	95
30) Chloroform	7.521	83	142361	50.190	ug/l	98
31) Cyclohexane	7.801	56	150053	48.492	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	130737	50.014	ug/l	99
36) 1,1-Dichloropropene	7.929	75	115273	50.604	ug/l	99
37) Ethyl Acetate	7.088	43	86430	56.749	ug/l	100
38) Carbon Tetrachloride	7.911	117	118316	50.780	ug/l	97
39) Methylcyclohexane	9.197	83	140787	50.676	ug/l	98
40) Benzene	8.173	78	323366	50.426	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	69915m	54.670	ug/l	
42) 1,2-Dichloroethane	8.252	62	112734	52.767	ug/l	99
43) Isopropyl Acetate	8.283	43	162793	56.982	ug/l	98
44) Trichloroethene	8.947	130	78517	50.330	ug/l	97
45) 1,2-Dichloropropane	9.228	63	83892	50.705	ug/l	99
46) Dibromomethane	9.319	93	45832	53.185	ug/l	96
47) Bromodichloromethane	9.508	83	113199	51.727	ug/l	96
48) Methyl methacrylate	9.301	41	76693	56.659	ug/l	94
49) 1,4-Dioxane	9.307	88	10925	1104.874	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	445468	296.016	ug/l	99
52) Toluene	10.252	92	197426	50.699	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	127743	53.701	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	137168	51.415	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	58966	51.256	ug/l	99
56) Ethyl methacrylate	10.514	69	97006	54.248	ug/l	97
57) 1,3-Dichloropropane	10.801	76	103100	49.113	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	268022	273.762	ug/l	96
59) 2-Hexanone	10.837	43	251732	256.697	ug/l	97
60) Dibromochloromethane	10.990	129	74096	52.544	ug/l	99
61) 1,2-Dibromoethane	11.099	107	56672	53.171	ug/l	99
64) Tetrachloroethene	10.728	164	75802	52.580	ug/l	98
65) Chlorobenzene	11.520	112	202347	50.414	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	77575	51.682	ug/l	98
67) Ethyl Benzene	11.599	91	383352	50.388	ug/l	99
68) m/p-Xylenes	11.709	106	294757	101.659	ug/l	96
69) o-Xylene	12.038	106	138992	50.603	ug/l	100
70) Styrene	12.050	104	239618	51.654	ug/l	99
71) Bromoform	12.215	173	48615	53.510	ug/l #	99
73) Isopropylbenzene	12.337	105	375003	51.105	ug/l	99
74) N-amyl acetate	12.148	43	149047	63.464	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	78281	57.659	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	60685m	58.197	ug/l	
77) Bromobenzene	12.611	156	86080	51.510	ug/l	94
78) n-propylbenzene	12.678	91	467809	52.296	ug/l	99
79) 2-Chlorotoluene	12.764	91	256030	52.303	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	312606	51.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	31067	58.761	ug/l	98
82) 4-Chlorotoluene	12.861	91	268321	52.436	ug/l	98
83) tert-Butylbenzene	13.081	119	269224	51.541	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	311330	51.850	ug/l	99
85) sec-Butylbenzene	13.258	105	406767	52.292	ug/l	99
86) p-Isopropyltoluene	13.373	119	341080	51.797	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	168224	50.547	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	165092	50.268	ug/l	99
89) n-Butylbenzene	13.703	91	332141	53.455	ug/l	99
90) Hexachloroethane	13.965	117	61108	51.493	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	148581	51.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13909	57.956	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	95435	50.860	ug/l	99
94) Hexachlorobutadiene	15.117	225	59942	48.958	ug/l	99
95) Naphthalene	15.239	128	195759	56.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	81752	52.284	ug/l	99

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

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