

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006645.D
 Acq On : 05 Nov 2021 09:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 06 20:34:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	143750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84159	47.576	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.160%			
35) Dibromofluoromethane	7.728	113	65686	53.182	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.360%			
50) Toluene-d8	10.185	98	279518	53.385	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.483	95	91436	51.842	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	63652	47.902	ug/l	98
3) Chloromethane	2.125	50	97044	54.106	ug/l	99
4) Vinyl Chloride	2.266	62	104700	52.269	ug/l	98
5) Bromomethane	2.662	94	57393	43.007	ug/l	95
6) Chloroethane	2.808	64	50737	42.894	ug/l	96
7) Trichlorofluoromethane	3.144	101	132606	52.135	ug/l	98
8) Diethyl Ether	3.540	74	40824	49.009	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.912	101	72902	56.298	ug/l	98
10) Methyl Iodide	4.107	142	71057	50.165	ug/l	98
11) Tert butyl alcohol	4.960	59	25879	161.038	ug/l	100
12) 1,1-Dichloroethene	3.887	96	74059	57.065	ug/l	92
13) Acrolein	3.741	56	21839	196.576	ug/l	99
14) Allyl chloride	4.497	41	166905	62.484	ug/l	96
15) Acrylonitrile	5.174	53	104984	223.803	ug/l	98
16) Acetone	3.954	43	108482	212.978	ug/l	98
17) Carbon Disulfide	4.210	76	238127	55.942	ug/l	99
18) Methyl Acetate	4.485	43	73623	44.574	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	200233	48.124	ug/l	99
20) Methylene Chloride	4.729	84	87092	55.525	ug/l	93
21) trans-1,2-Dichloroethene	5.235	96	82413	55.997	ug/l	95
22) Diisopropyl ether	6.131	45	329923	61.974	ug/l	94
23) Vinyl Acetate	6.070	43	856033	264.381	ug/l	98
24) 1,1-Dichloroethane	6.027	63	168319	60.467	ug/l	99
25) 2-Butanone	6.996	43	145701	218.342	ug/l	97
26) 2,2-Dichloropropane	6.990	77	151415	57.189	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	95144	56.628	ug/l	96
28) Bromochloromethane	7.344	49	63506	56.230	ug/l	88
29) Tetrahydrofuran	7.356	42	90198	220.317	ug/l	93
30) Chloroform	7.515	83	159155	55.364	ug/l	96
31) Cyclohexane	7.795	56	164993	57.615	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	145384	54.771	ug/l	99
36) 1,1-Dichloropropene	7.929	75	128173	58.538	ug/l	97
37) Ethyl Acetate	7.082	43	63312	45.690	ug/l	100
38) Carbon Tetrachloride	7.911	117	128650	53.262	ug/l	99
39) Methylcyclohexane	9.191	83	151781	56.945	ug/l	94
40) Benzene	8.167	78	356585	57.100	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	44367m	56.426	ug/l	
42) 1,2-Dichloroethane	8.246	62	110072	49.358	ug/l	99
43) Isopropyl Acetate	8.277	43	125997	46.871	ug/l	98
44) Trichloroethene	8.947	130	90654	56.287	ug/l	96
45) 1,2-Dichloropropane	9.222	63	93602	60.512	ug/l	96
46) Dibromomethane	9.313	93	42727	50.322	ug/l	96
47) Bromodichloromethane	9.502	83	119587	54.141	ug/l	97
48) Methyl methacrylate	9.295	41	58286	46.783	ug/l	96
49) 1,4-Dioxane	9.307	88	9149	793.678	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	318627	226.111	ug/l	98
52) Toluene	10.252	92	219935	56.132	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	124458	52.304	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	142728	55.363	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	58828	50.110	ug/l	93
56) Ethyl methacrylate	10.514	69	86053	47.446	ug/l	97
57) 1,3-Dichloropropane	10.795	76	109968	51.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	174754	211.216	ug/l	95
59) 2-Hexanone	10.837	43	226531	222.116	ug/l	99
60) Dibromochloromethane	10.990	129	71734	49.537	ug/l	97
61) 1,2-Dibromoethane	11.093	107	53306	48.228	ug/l	98
64) Tetrachloroethene	10.728	164	103057	58.249	ug/l	98
65) Chlorobenzene	11.520	112	218585	55.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	80059	54.006	ug/l	98
67) Ethyl Benzene	11.599	91	436794	58.252	ug/l	99
68) m/p-Xylenes	11.709	106	321350	113.919	ug/l	100
69) o-Xylene	12.032	106	150394	55.874	ug/l	98
70) Styrene	12.050	104	254951	55.399	ug/l	100
71) Bromoform	12.215	173	41843	44.653	ug/l #	99
73) Isopropylbenzene	12.337	105	414125	62.224	ug/l	99
74) N-amyl acetate	12.148	43	112021	50.739	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	55119	47.838	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	50337m	51.342	ug/l	
77) Bromobenzene	12.611	156	86421	55.115	ug/l	95
78) n-propylbenzene	12.678	91	513246	62.401	ug/l	98
79) 2-Chlorotoluene	12.764	91	279780	61.444	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	341141	61.215	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	23439	49.080	ug/l	95
82) 4-Chlorotoluene	12.861	91	290156	61.154	ug/l	97
83) tert-Butylbenzene	13.081	119	290659	60.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	332458	59.665	ug/l	97
85) sec-Butylbenzene	13.258	105	440670	61.284	ug/l	99
86) p-Isopropyltoluene	13.373	119	363593	59.271	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	174417	55.423	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	168833	54.563	ug/l	99
89) n-Butylbenzene	13.703	91	354764	61.478	ug/l	99
90) Hexachloroethane	13.965	117	66742	60.241	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	146378	53.029	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9723	39.749	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	85449	46.892	ug/l	99
94) Hexachlorobutadiene	15.117	225	59892	51.282	ug/l	100
95) Naphthalene	15.239	128	138004	38.691	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	68686	43.043	ug/l	98

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

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