

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008468.D
 Acq On : 22 Apr 2022 16:34
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 01:53:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	99086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58899	50.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.040%			
35) Dibromofluoromethane	7.716	113	57602	52.445	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.900%			
50) Toluene-d8	10.179	98	211347	48.360	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.720%			
62) 4-Bromofluorobenzene	12.483	95	76501	51.727	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42177	46.874	ug/l	99
3) Chloromethane	2.113	50	74857	52.869	ug/l	94
4) Vinyl Chloride	2.253	62	100959	54.875	ug/l	98
5) Bromomethane	2.650	94	85604	50.041	ug/l	96
6) Chloroethane	2.790	64	66531	54.357	ug/l	99
7) Trichlorofluoromethane	3.125	101	94973	49.832	ug/l	92
8) Diethyl Ether	3.527	74	31105	47.419	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	57449	50.636	ug/l	94
10) Methyl Iodide	4.088	142	67384	45.245	ug/l	90
11) Tert butyl alcohol	4.954	59	23842	196.720	ug/l	97
12) 1,1-Dichloroethene	3.875	96	52925	49.412	ug/l	83
13) Acrolein	3.729	56	21924	176.626	ug/l	99
14) Allyl chloride	4.478	41	70561	50.471	ug/l #	88
15) Acrylonitrile	5.155	53	72950	217.507	ug/l	98
16) Acetone	3.942	43	53410	196.683	ug/l #	85
17) Carbon Disulfide	4.192	76	159237	49.174	ug/l	100
18) Methyl Acetate	4.478	43	31500	41.363	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	158469	46.758	ug/l	95
20) Methylene Chloride	4.716	84	69574	49.160	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	65416	50.067	ug/l #	81
22) Diisopropyl ether	6.118	45	168389	49.875	ug/l #	93
23) Vinyl Acetate	6.057	43	561526	242.592	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	106351	50.605	ug/l	98
25) 2-Butanone	6.984	43	90429	215.250	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	101011	51.895	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	76054	50.888	ug/l	84
28) Bromochloromethane	7.332	49	41608	49.082	ug/l #	75
29) Tetrahydrofuran	7.344	42	60219	222.550	ug/l #	75
30) Chloroform	7.502	83	118098	51.151	ug/l	100
31) Cyclohexane	7.783	56	94802	49.463	ug/l	86
32) 1,1,1-Trichloroethane	7.703	97	106294	52.577	ug/l	97
36) 1,1-Dichloropropene	7.917	75	90892	52.025	ug/l	97
37) Ethyl Acetate	7.069	43	43009	44.513	ug/l #	93
38) Carbon Tetrachloride	7.899	117	95133	52.409	ug/l	99
39) Methylcyclohexane	9.185	83	120566	53.897	ug/l #	85
40) Benzene	8.161	78	262898	51.579	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22451m	47.915	ug/l	
42) 1,2-Dichloroethane	8.234	62	75674	49.313	ug/l	90
43) Isopropyl Acetate	8.270	43	82384	46.361	ug/l #	86
44) Trichloroethene	8.941	130	74393	52.978	ug/l	96
45) 1,2-Dichloropropane	9.215	63	64417	52.629	ug/l	96
46) Dibromomethane	9.307	93	41449	48.336	ug/l	94
47) Bromodichloromethane	9.496	83	94558	51.945	ug/l	97
48) Methyl methacrylate	9.289	41	36792	48.695	ug/l #	76
49) 1,4-Dioxane	9.295	88	10038	928.295	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	219277	234.572	ug/l #	85
52) Toluene	10.246	92	178502	52.956	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	98090	50.247	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	110128	50.908	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	57921	49.488	ug/l	96
56) Ethyl methacrylate	10.508	69	75131	49.716	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	95113	49.782	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	196991	237.848	ug/l	91
59) 2-Hexanone	10.831	43	150719	234.296	ug/l	82
60) Dibromochloromethane	10.983	129	69719	51.848	ug/l	98
61) 1,2-Dibromoethane	11.087	107	56988	49.230	ug/l	100
64) Tetrachloroethene	10.721	164	64841	53.087	ug/l	99
65) Chlorobenzene	11.514	112	193383	51.927	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	71714	52.158	ug/l	98
67) Ethyl Benzene	11.593	91	342861	53.047	ug/l	96
68) m/p-Xylenes	11.703	106	276280	106.716	ug/l	91
69) o-Xylene	12.026	106	132408	53.124	ug/l	91
70) Styrene	12.044	104	225283	53.636	ug/l	94
71) Bromoform	12.209	173	41790	48.499	ug/l #	99
73) Isopropylbenzene	12.331	105	344398	52.808	ug/l	100
74) N-amyl acetate	12.142	43	77844	48.308	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	68234	46.827	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	47032m	42.250	ug/l	
77) Bromobenzene	12.605	156	78630	49.436	ug/l	94
78) n-propylbenzene	12.672	91	416139	53.197	ug/l	98
79) 2-Chlorotoluene	12.757	91	226071	51.348	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	288900	53.369	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	23099	48.138	ug/l #	83
82) 4-Chlorotoluene	12.855	91	244440	53.577	ug/l	97
83) tert-Butylbenzene	13.074	119	253950	54.040	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	288806	53.770	ug/l	97
85) sec-Butylbenzene	13.251	105	387934	54.701	ug/l	100
86) p-Isopropyltoluene	13.367	119	323403	54.451	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	163646	51.391	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	163498	51.832	ug/l	98
89) n-Butylbenzene	13.696	91	300128	55.675	ug/l	100
90) Hexachloroethane	13.958	117	58424	54.714	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	144503	51.036	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10043	45.862	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	82078	52.078	ug/l	99
94) Hexachlorobutadiene	15.111	225	40719	52.951	ug/l	98
95) Naphthalene	15.233	128	173162	48.465	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	69396	50.306	ug/l	98

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

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