

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011672.D
 Acq On : 01 Dec 2022 18:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022

Quant Time: Dec 02 03:24:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	115588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	178239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70219	59.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.660%			
35) Dibromofluoromethane	7.716	113	66848	58.426	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.860%			
50) Toluene-d8	10.179	98	222757	53.577	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.160%			
62) 4-Bromofluorobenzene	12.483	95	88060	57.285	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25986	40.445	ug/l	96
3) Chloromethane	2.113	50	44643	44.982	ug/l	92
4) Vinyl Chloride	2.253	62	48173	36.847	ug/l	96
5) Bromomethane	2.650	94	37570	44.582	ug/l	97
6) Chloroethane	2.796	64	35844	39.296	ug/l	96
7) Trichlorofluoromethane	3.125	101	83851	43.725	ug/l	95
8) Diethyl Ether	3.534	74	34166	55.125	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.906	101	49066	44.247	ug/l	95
10) Methyl Iodide	4.088	142	67644	52.358	ug/l	95
11) Tert butyl alcohol	4.948	59	35394	282.261	ug/l	97
12) 1,1-Dichloroethene	3.875	96	48059	47.312	ug/l	88
13) Acrolein	3.729	56	6861	221.702	ug/l	96
14) Allyl chloride	4.479	41	93443	52.403	ug/l	92
15) Acrylonitrile	5.161	53	105657	312.109	ug/l	98
16) Acetone	3.948	43	99882	261.998	ug/l	92
17) Carbon Disulfide	4.198	76	125093	44.434	ug/l	99
18) Methyl Acetate	4.473	43	52946	60.592	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	173827	59.961	ug/l	97
20) Methylene Chloride	4.716	84	77613	55.589	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	59803	50.948	ug/l	91
22) Diisopropyl ether	6.119	45	227149	58.358	ug/l	95
23) Vinyl Acetate	6.058	43	684929	302.086	ug/l	96
24) 1,1-Dichloroethane	6.015	63	122447	53.579	ug/l	99
25) 2-Butanone	6.984	43	137288	274.016	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	103816	49.219	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	76014	55.006	ug/l	92
28) Bromochloromethane	7.332	49	53450	58.218	ug/l	91
29) Tetrahydrofuran	7.350	42	84975	300.323	ug/l	92
30) Chloroform	7.509	83	132491	55.903	ug/l	99
31) Cyclohexane	7.783	56	79569	40.901	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	107023	50.479	ug/l	97
36) 1,1-Dichloropropene	7.917	75	82404	46.075	ug/l	98
37) Ethyl Acetate	7.076	43	57932	56.885	ug/l	97
38) Carbon Tetrachloride	7.899	117	93623	46.790	ug/l	97
39) Methylcyclohexane	9.185	83	82769	41.471	ug/l	95
40) Benzene	8.161	78	269363	51.704	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	31144m	60.484	ug/l	
42) 1,2-Dichloroethane	8.240	62	88186	54.734	ug/l	94
43) Isopropyl Acetate	8.271	43	102492	55.787	ug/l #	93
44) Trichloroethene	8.941	130	68496	48.866	ug/l	99
45) 1,2-Dichloropropane	9.216	63	71675	53.825	ug/l	95
46) Dibromomethane	9.307	93	41658	55.949	ug/l	97
47) Bromodichloromethane	9.496	83	103160	55.005	ug/l	98
48) Methyl methacrylate	9.289	41	46550	57.044	ug/l #	87
49) 1,4-Dioxane	9.295	88	11496	1246.747	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	295451	289.292	ug/l	92
52) Toluene	10.246	92	170192	51.660	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	104002	55.476	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	116695	55.331	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	60922	57.192	ug/l	95
56) Ethyl methacrylate	10.508	69	77873	58.780	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	101559	56.295	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	186352	287.210	ug/l	98
59) 2-Hexanone	10.831	43	205551	281.994	ug/l	92
60) Dibromochloromethane	10.984	129	74951	57.415	ug/l	99
61) 1,2-Dibromoethane	11.087	107	55550	57.131	ug/l	99
64) Tetrachloroethene	10.721	164	69008	46.983	ug/l	98
65) Chlorobenzene	11.514	112	187513	50.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	75249	53.194	ug/l	99
67) Ethyl Benzene	11.593	91	328190	48.699	ug/l	99
68) m/p-Xylenes	11.703	106	254336	99.142	ug/l	97
69) o-Xylene	12.032	106	122461	51.273	ug/l	97
70) Styrene	12.044	104	215750	52.919	ug/l	97
71) Bromoform	12.209	173	47083	54.709	ug/l #	99
73) Isopropylbenzene	12.331	105	322031	47.964	ug/l	99
74) N-amyl acetate	12.142	43	85105	51.330	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	70017	52.922	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	54068m	54.080	ug/l	
77) Bromobenzene	12.611	156	78814	50.272	ug/l	99
78) n-propylbenzene	12.672	91	388257	47.400	ug/l	99
79) 2-Chlorotoluene	12.758	91	225615	48.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	282161	49.855	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23271	50.983	ug/l	95
82) 4-Chlorotoluene	12.855	91	236472	48.985	ug/l	99
83) tert-Butylbenzene	13.075	119	235773	47.827	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	280784	50.231	ug/l	100
85) sec-Butylbenzene	13.251	105	343074	46.643	ug/l	100
86) p-Isopropyltoluene	13.367	119	292904	47.715	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	155601	48.757	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	152169	47.685	ug/l	98
89) n-Butylbenzene	13.696	91	262872	46.584	ug/l	100
90) Hexachloroethane	13.959	117	58880	47.499	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	141811	50.129	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11251	51.855	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	77170	49.181	ug/l	99
94) Hexachlorobutadiene	15.111	225	45022	46.159	ug/l	97
95) Naphthalene	15.233	128	154029	47.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	66697	49.599	ug/l	99

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

