

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011757.D
 Acq On : 09 Dec 2022 20:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 03:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	216518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76405	51.895	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.780%			
35) Dibromofluoromethane	7.716	113	76526	49.959	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.920%			
50) Toluene-d8	10.179	98	242564	48.043	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.080%			
62) 4-Bromofluorobenzene	12.483	95	100767	50.457	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44550	45.860	ug/l	99
3) Chloromethane	2.113	50	57261	49.408	ug/l	99
4) Vinyl Chloride	2.253	62	68504	49.476	ug/l	98
5) Bromomethane	2.650	94	48690	52.601	ug/l	98
6) Chloroethane	2.796	64	49215	45.838	ug/l	99
7) Trichlorofluoromethane	3.125	101	134975	45.349	ug/l	99
8) Diethyl Ether	3.528	74	51597	49.492	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.900	101	83030	46.731	ug/l	99
10) Methyl Iodide	4.095	142	97469	46.854	ug/l	98
11) Tert butyl alcohol	4.948	59	59159	336.281	ug/l	99
12) 1,1-Dichloroethene	3.875	96	74776	46.666	ug/l	94
13) Acrolein	3.729	56	79823	261.521	ug/l	97
14) Allyl chloride	4.479	41	129988	48.837	ug/l	99
15) Acrylonitrile	5.161	53	158093	282.524	ug/l	100
16) Acetone	3.942	43	128977	218.157	ug/l	97
17) Carbon Disulfide	4.192	76	167434	45.755	ug/l	100
18) Methyl Acetate	4.479	43	75697	53.906	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	268142	53.445	ug/l	99
20) Methylene Chloride	4.716	84	109610	52.358	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	87202	48.419	ug/l	98
22) Diisopropyl ether	6.119	45	308872	53.187	ug/l	98
23) Vinyl Acetate	6.058	43	969498	292.635	ug/l	100
24) 1,1-Dichloroethane	6.021	63	175345	49.688	ug/l	100
25) 2-Butanone	6.984	43	199940	262.914	ug/l	99
26) 2,2-Dichloropropane	6.978	77	153260	46.161	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	111242	50.538	ug/l	99
28) Bromochloromethane	7.332	49	66288	51.596	ug/l	100
29) Tetrahydrofuran	7.344	42	127052	293.529	ug/l	99
30) Chloroform	7.509	83	192766	51.095	ug/l	99
31) Cyclohexane	7.783	56	126336	50.106	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	166330	49.436	ug/l	100
36) 1,1-Dichloropropene	7.917	75	125051	47.801	ug/l	99
37) Ethyl Acetate	7.070	43	85542	55.930	ug/l	99
38) Carbon Tetrachloride	7.899	117	147785	48.092	ug/l	98
39) Methylcyclohexane	9.185	83	138064	46.904	ug/l	100
40) Benzene	8.161	78	381002	48.751	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	38772m	50.217	ug/l	
42) 1,2-Dichloroethane	8.234	62	124081	51.342	ug/l	99
43) Isopropyl Acetate	8.271	43	152052	54.827	ug/l	99
44) Trichloroethene	8.941	130	103914	47.475	ug/l	100
45) 1,2-Dichloropropane	9.216	63	101653	50.255	ug/l	99
46) Dibromomethane	9.307	93	58530	51.692	ug/l	99
47) Bromodichloromethane	9.496	83	152182	52.025	ug/l	96
48) Methyl methacrylate	9.295	41	68841	56.313	ug/l	100
49) 1,4-Dioxane	9.301	88	17835	1137.006	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	447802	293.040	ug/l	99
52) Toluene	10.246	92	248442	50.004	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	149392	51.129	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	163832	49.906	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	87844	52.490	ug/l	97
56) Ethyl methacrylate	10.508	69	120998	56.008	ug/l	99
57) 1,3-Dichloropropane	10.789	76	147959	53.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	276161	275.676	ug/l	100
59) 2-Hexanone	10.831	43	309327	283.311	ug/l	100
60) Dibromochloromethane	10.984	129	109581	52.279	ug/l	100
61) 1,2-Dibromoethane	11.087	107	80850	53.327	ug/l	100
64) Tetrachloroethene	10.721	164	107480	47.943	ug/l	97
65) Chlorobenzene	11.514	112	274642	48.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	110938	50.088	ug/l	99
67) Ethyl Benzene	11.593	91	487749	48.485	ug/l	100
68) m/p-Xylenes	11.703	106	374041	97.089	ug/l	100
69) o-Xylene	12.026	106	180152	49.059	ug/l	99
70) Styrene	12.044	104	316112	50.437	ug/l	100
71) Bromoform	12.209	173	71115	52.055	ug/l #	98
73) Isopropylbenzene	12.331	105	496832	49.758	ug/l	100
74) N-amyl acetate	12.142	43	129368	53.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	102276	52.595	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	79601m	51.052	ug/l	
77) Bromobenzene	12.605	156	115941	49.731	ug/l	97
78) n-propylbenzene	12.672	91	583638	48.775	ug/l	99
79) 2-Chlorotoluene	12.758	91	332195	48.644	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	417341	49.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35700	51.956	ug/l	99
82) 4-Chlorotoluene	12.855	91	343617	48.511	ug/l	99
83) tert-Butylbenzene	13.075	119	368002	50.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	416564	50.129	ug/l	99
85) sec-Butylbenzene	13.251	105	535864	48.962	ug/l	99
86) p-Isopropyltoluene	13.367	119	448090	49.192	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	228337	48.669	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	224510	48.148	ug/l	100
89) n-Butylbenzene	13.697	91	401408	48.475	ug/l	99
90) Hexachloroethane	13.959	117	88456	48.869	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	208391	49.359	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18151	53.538	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	120005	48.735	ug/l	98
94) Hexachlorobutadiene	15.111	225	73062	46.699	ug/l	99
95) Naphthalene	15.233	128	262570	55.055	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	108407	50.968	ug/l	100

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

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