

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111822\
 Data File : VY011494.D
 Acq On : 18 Nov 2022 11:27
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 21:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 21:29:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	193170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	295637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85771	43.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.780%		
35) Dibromofluoromethane	7.722	113	83456	46.024	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.040%		
50) Toluene-d8	10.179	98	303162	45.901	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.800%		
62) 4-Bromofluorobenzene	12.483	95	115479	47.904	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50712	40.296	ug/l	97
3) Chloromethane	2.119	50	83997	45.128	ug/l	98
4) Vinyl Chloride	2.253	62	101501	46.512	ug/l	97
5) Bromomethane	2.656	94	69890	43.450	ug/l	98
6) Chloroethane	2.796	64	70530	46.333	ug/l	99
7) Trichlorofluoromethane	3.131	101	146437	45.635	ug/l	93
8) Diethyl Ether	3.534	74	48595	46.755	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	87654	47.058	ug/l	96
10) Methyl Iodide	4.095	142	113344	52.284	ug/l	95
11) Tert butyl alcohol	4.954	59	48103	177.801	ug/l	99
12) 1,1-Dichloroethene	3.881	96	81466	47.873	ug/l	87
13) Acrolein	3.729	56	8007	153.600	ug/l	99
14) Allyl chloride	4.485	41	148539	49.833	ug/l	94
15) Acrylonitrile	5.168	53	134204	235.971	ug/l	98
16) Acetone	3.948	43	151886	238.181	ug/l	93
17) Carbon Disulfide	4.198	76	227568	48.490	ug/l	99
18) Methyl Acetate	4.485	43	67485	39.882	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	239456	49.420	ug/l	96
20) Methylene Chloride	4.716	84	123253	36.980	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	96472	49.320	ug/l	90
22) Diisopropyl ether	6.119	45	332042	50.897	ug/l	97
23) Vinyl Acetate	6.064	43	991901	261.061	ug/l	98
24) 1,1-Dichloroethane	6.021	63	182720	47.968	ug/l	99
25) 2-Butanone	6.984	43	199679	237.737	ug/l	94
26) 2,2-Dichloropropane	6.984	77	170390	48.066	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	114645	49.595	ug/l	94
28) Bromochloromethane	7.338	49	75587	49.323	ug/l	96
29) Tetrahydrofuran	7.350	42	114075	241.421	ug/l	94
30) Chloroform	7.509	83	191057	48.274	ug/l	99
31) Cyclohexane	7.789	56	156535	47.934	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	170129	48.017	ug/l	98
36) 1,1-Dichloropropene	7.923	75	142168	50.098	ug/l	99
37) Ethyl Acetate	7.076	43	78424	48.493	ug/l	98
38) Carbon Tetrachloride	7.905	117	154893	49.011	ug/l	99
39) Methylcyclohexane	9.185	83	164155	51.781	ug/l	95
40) Benzene	8.161	78	413403	49.972	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	38058m	50.647	ug/l	
42) 1,2-Dichloroethane	8.240	62	123451	48.350	ug/l	95
43) Isopropyl Acetate	8.277	43	144000	49.232	ug/l	95
44) Trichloroethene	8.941	130	108932	48.952	ug/l	94
45) 1,2-Dichloropropane	9.222	63	105584	49.868	ug/l	96
46) Dibromomethane	9.307	93	57349	48.411	ug/l	97
47) Bromodichloromethane	9.496	83	146697	49.204	ug/l	97
48) Methyl methacrylate	9.295	41	65671	50.462	ug/l	90
49) 1,4-Dioxane	9.295	88	14411	990.244	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	406370	249.590	ug/l	95
52) Toluene	10.246	92	266173	50.978	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	148502	49.887	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	167417	49.872	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	82563	49.029	ug/l	99
56) Ethyl methacrylate	10.508	69	107933	51.109	ug/l	88
57) 1,3-Dichloropropane	10.795	76	142144	49.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	268436	259.267	ug/l	99
59) 2-Hexanone	10.831	43	294963	253.324	ug/l	93
60) Dibromochloromethane	10.984	129	102030	49.191	ug/l	98
61) 1,2-Dibromoethane	11.093	107	75806	48.956	ug/l	99
64) Tetrachloroethene	10.721	164	111741	50.026	ug/l	96
65) Chlorobenzene	11.520	112	284400	49.863	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	109933	50.721	ug/l	98
67) Ethyl Benzene	11.593	91	530065	51.610	ug/l	100
68) m/p-Xylenes	11.703	106	409379	104.406	ug/l	96
69) o-Xylene	12.032	106	192724	52.695	ug/l	96
70) Styrene	12.044	104	329105	52.963	ug/l	97
71) Bromoform	12.209	173	65482	49.614	ug/l #	98
73) Isopropylbenzene	12.331	105	529113	52.450	ug/l	99
74) N-amyl acetate	12.148	43	126841	50.735	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	95660	48.224	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	80228m	46.356	ug/l	
77) Bromobenzene	12.611	156	117429	49.649	ug/l	98
78) n-propylbenzene	12.672	91	645866	52.405	ug/l	99
79) 2-Chlorotoluene	12.758	91	355844	51.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	446163	52.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	33295	48.803	ug/l	94
82) 4-Chlorotoluene	12.855	91	370784	51.099	ug/l	100
83) tert-Butylbenzene	13.075	119	389760	52.567	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	440753	52.410	ug/l	99
85) sec-Butylbenzene	13.258	105	578574	52.257	ug/l	100
86) p-Isopropyltoluene	13.373	119	489224	52.994	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	239623	49.887	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	236962	49.471	ug/l	98
89) n-Butylbenzene	13.696	91	450893	53.079	ug/l	99
90) Hexachloroethane	13.965	117	90759	48.918	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	212369	49.992	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15739	47.989	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	117664	50.326	ug/l	99
94) Hexachlorobutadiene	15.117	225	71340	48.482	ug/l	98
95) Naphthalene	15.239	128	224181	50.955	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	99393	49.691	ug/l	99

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

