

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007539.D
 Acq On : 18 Feb 2022 11:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/21/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 04:17:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47771	42.214	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.420%		
35) Dibromofluoromethane	7.716	113	47903	46.629	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.260%		
50) Toluene-d8	10.179	98	171067	43.843	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.680%		
62) 4-Bromofluorobenzene	12.483	95	57830	43.710	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	87.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64337	56.741	ug/l	98
3) Chloromethane	2.113	50	57346	61.355	ug/l	96
4) Vinyl Chloride	2.253	62	62698	54.959	ug/l	99
5) Bromomethane	2.650	94	44366	67.135	ug/l	98
6) Chloroethane	2.796	64	39743	58.873	ug/l	99
7) Trichlorofluoromethane	3.125	101	136604	62.995	ug/l	95
8) Diethyl Ether	3.527	74	34650	55.289	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	70606	59.218	ug/l	96
10) Methyl Iodide	4.088	142	84983	57.739	ug/l	96
11) Tert butyl alcohol	4.954	59	26645	300.999	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	63939	57.450	ug/l	83
13) Acrolein	3.729	56	18313	206.009	ug/l	98
14) Allyl chloride	4.479	41	72463	46.324	ug/l #	79
15) Acrylonitrile	5.161	53	69335	251.305	ug/l	98
16) Acetone	3.942	43	77791	259.100	ug/l #	89
17) Carbon Disulfide	4.192	76	166002	51.784	ug/l	100
18) Methyl Acetate	4.472	43	28824	43.050	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	168956	54.738	ug/l	91
20) Methylene Chloride	4.716	84	64299	52.253	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	64462	53.010	ug/l	86
22) Diisopropyl ether	6.112	45	142023	43.185	ug/l #	88
23) Vinyl Acetate	6.058	43	486145	231.704	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	106355	51.745	ug/l	98
25) 2-Butanone	6.978	43	87499	235.378	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	115881	56.265	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	73305	54.081	ug/l	84
28) Bromochloromethane	7.332	49	30785	39.080	ug/l #	55
29) Tetrahydrofuran	7.344	42	49480	226.820	ug/l #	70
30) Chloroform	7.502	83	121792	54.892	ug/l	95
31) Cyclohexane	7.783	56	89658	44.802	ug/l #	81
32) 1,1,1-Trichloroethane	7.697	97	122769	58.104	ug/l	94
36) 1,1-Dichloropropene	7.917	75	90550	54.404	ug/l	96
37) Ethyl Acetate	7.070	43	35864	47.691	ug/l #	92
38) Carbon Tetrachloride	7.899	117	115047	60.832	ug/l	98
39) Methylcyclohexane	9.179	83	115466	53.434	ug/l #	84
40) Benzene	8.161	78	242041	52.890	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20441m	41.871	ug/l	
42) 1,2-Dichloroethane	8.234	62	76832	54.941	ug/l	93
43) Isopropyl Acetate	8.271	43	74410	48.717	ug/l #	86
44) Trichloroethene	8.935	130	75517	58.169	ug/l	97
45) 1,2-Dichloropropane	9.216	63	55873	51.348	ug/l	99
46) Dibromomethane	9.307	93	37184	55.030	ug/l	98
47) Bromodichloromethane	9.496	83	94792	57.768	ug/l	99
48) Methyl methacrylate	9.289	41	33811	49.953	ug/l #	78
49) 1,4-Dioxane	9.295	88	8765	1204.983	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	187613	247.334	ug/l #	88
52) Toluene	10.240	92	159895	54.490	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	95136	55.529	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	104396	54.606	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	49962	55.749	ug/l	96
56) Ethyl methacrylate	10.508	69	65251	54.144	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	83043	53.807	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	133434	212.489	ug/l #	87
59) 2-Hexanone	10.831	43	133513	243.800	ug/l	85
60) Dibromochloromethane	10.983	129	68033	60.200	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51133	57.224	ug/l	98
64) Tetrachloroethene	10.721	164	65921	58.691	ug/l	94
65) Chlorobenzene	11.514	112	176073	56.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	70620	59.943	ug/l	99
67) Ethyl Benzene	11.593	91	326062	55.850	ug/l	99
68) m/p-Xylenes	11.703	106	247923	112.209	ug/l	98
69) o-Xylene	12.026	106	116492	55.720	ug/l	99
70) Styrene	12.044	104	192480	55.995	ug/l	99
71) Bromoform	12.209	173	41550	64.033	ug/l #	95
73) Isopropylbenzene	12.331	105	324129	54.874	ug/l	99
74) N-amyl acetate	12.142	43	64923	48.551	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	53428	52.809	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	40352m	52.380	ug/l	
77) Bromobenzene	12.611	156	70658	55.706	ug/l	91
78) n-propylbenzene	12.672	91	387886	54.572	ug/l	99
79) 2-Chlorotoluene	12.758	91	208536	53.219	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	274207	56.045	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	19527	52.683	ug/l	87
82) 4-Chlorotoluene	12.855	91	217640	54.180	ug/l	100
83) tert-Butylbenzene	13.075	119	240609	56.266	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	266655	56.209	ug/l	99
85) sec-Butylbenzene	13.251	105	354416	56.225	ug/l	100
86) p-Isopropyltoluene	13.367	119	301692	58.105	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	141686	57.376	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	139210	56.814	ug/l	98
89) n-Butylbenzene	13.696	91	280641	56.838	ug/l	99
90) Hexachloroethane	13.959	117	57844	58.302	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	123377	56.729	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9472	55.144	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	82083	63.044	ug/l	98
94) Hexachlorobutadiene	15.111	225	48648	64.419	ug/l	99
95) Naphthalene	15.239	128	170724	60.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	70584	62.689	ug/l	98

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

