

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007022.D
 Acq On : 06 Jan 2022 10:20
 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 :Mahesh Dadoda 01/11/2022
 Supervised By :Semsettin Yesilyurt 01/11/2022

Quant Time: Jan 06 15:33:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	168157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	255391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	93339	47.023	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.040%		
35) Dibromofluoromethane	7.722	113	89068	47.647	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.300%		
50) Toluene-d8	10.185	98	326168	46.962	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.920%		
62) 4-Bromofluorobenzene	12.483	95	120074	45.905	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	27707	48.725	ug/l	99
3) Chloromethane	2.119	50	61386	50.464	ug/l	100
4) Vinyl Chloride	2.259	62	86377	53.321	ug/l	100
5) Bromomethane	2.668	94	59092	54.385	ug/l	99
6) Chloroethane	2.808	64	52010	52.295	ug/l	98
7) Trichlorofluoromethane	3.131	101	98607	49.990	ug/l	98
8) Diethyl Ether	3.534	74	53915	48.565	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	97358	49.517	ug/l	97
10) Methyl Iodide	4.094	142	153691	50.191	ug/l	99
11) Tert butyl alcohol	4.954	59	39353	219.848	ug/l	99
12) 1,1-Dichloroethene	3.875	96	101942	49.824	ug/l	98
13) Acrolein	3.729	56	13753	248.352	ug/l	96
14) Allyl chloride	4.485	41	147442	47.328	ug/l	98
15) Acrylonitrile	5.167	53	125862	229.998	ug/l	99
16) Acetone	3.948	43	90541	207.040	ug/l	98
17) Carbon Disulfide	4.198	76	294472	49.047	ug/l	99
18) Methyl Acetate	4.485	43	81867	43.635	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	188442	49.522	ug/l	98
20) Methylene Chloride	4.722	84	122836	42.967	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	106369	48.872	ug/l	99
22) Diisopropyl ether	6.125	45	295864	48.711	ug/l	98
23) Vinyl Acetate	6.064	43	884687	237.413	ug/l	98
24) 1,1-Dichloroethane	6.021	63	183199	49.068	ug/l	99
25) 2-Butanone	6.990	43	138858	220.526	ug/l	99
26) 2,2-Dichloropropane	6.990	77	135854	47.838	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	120695	49.701	ug/l	99
28) Bromochloromethane	7.338	49	75701	50.985	ug/l	97
29) Tetrahydrofuran	7.350	42	103703	221.697	ug/l	98
30) Chloroform	7.515	83	190479	48.814	ug/l	99
31) Cyclohexane	7.789	56	167762	45.185	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	166935	48.118	ug/l	99
36) 1,1-Dichloropropene	7.923	75	149023	47.831	ug/l	99
37) Ethyl Acetate	7.076	43	71875	44.967	ug/l	99
38) Carbon Tetrachloride	7.905	117	159351	48.902	ug/l	98
39) Methylcyclohexane	9.185	83	196183	48.048	ug/l	99
40) Benzene	8.167	78	413513	48.764	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	40787m	45.424	ug/l	
42) 1,2-Dichloroethane	8.240	62	124702	48.376	ug/l	100
43) Isopropyl Acetate	8.277	43	141057	45.832	ug/l	99
44) Trichloroethene	8.941	130	116214	49.076	ug/l	97
45) 1,2-Dichloropropane	9.222	63	101757	49.235	ug/l	99
46) Dibromomethane	9.307	93	60472	48.351	ug/l	98
47) Bromodichloromethane	9.502	83	149700	49.163	ug/l	99
48) Methyl methacrylate	9.295	41	63788	44.008	ug/l	95
49) 1,4-Dioxane	9.301	88	13073	1042.288	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	346885	227.234	ug/l	99
52) Toluene	10.246	92	267973	49.118	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	159956	48.775	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	178775	49.101	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	82780	48.104	ug/l	99
56) Ethyl methacrylate	10.514	69	117475	47.568	ug/l	99
57) 1,3-Dichloropropane	10.794	76	144382	49.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	266366	245.903	ug/l	100
59) 2-Hexanone	10.837	43	221997	224.478	ug/l	99
60) Dibromochloromethane	10.990	129	104972	49.868	ug/l	100
61) 1,2-Dibromoethane	11.093	107	84776	49.076	ug/l	98
64) Tetrachloroethene	10.721	164	94296	48.663	ug/l	99
65) Chlorobenzene	11.520	112	279181	48.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	102191	49.339	ug/l	99
67) Ethyl Benzene	11.599	91	518587	48.475	ug/l	99
68) m/p-Xylenes	11.709	106	396347	97.277	ug/l	98
69) o-Xylene	12.032	106	186535	48.816	ug/l	99
70) Styrene	12.050	104	317711	48.944	ug/l	100
71) Bromoform	12.215	173	60595	48.444	ug/l #	99
73) Isopropylbenzene	12.337	105	489436	47.595	ug/l	100
74) N-amyl acetate	12.148	43	123311	45.858	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	92921	47.346	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	69071m	47.389	ug/l	
77) Bromobenzene	12.611	156	109029	48.710	ug/l	98
78) n-propylbenzene	12.678	91	601614	48.078	ug/l	99
79) 2-Chlorotoluene	12.764	91	338905	47.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	408397	48.067	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	34889	43.719	ug/l #	99
82) 4-Chlorotoluene	12.861	91	354223	47.809	ug/l	100
83) tert-Butylbenzene	13.081	119	356673	47.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	401066	47.974	ug/l	100
85) sec-Butylbenzene	13.257	105	521350	47.758	ug/l	100
86) p-Isopropyltoluene	13.373	119	433571	48.317	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	211751	48.906	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	212495	48.989	ug/l	99
89) n-Butylbenzene	13.702	91	417338	48.169	ug/l	99
90) Hexachloroethane	13.965	117	85523	47.989	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	187239	48.827	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15453	42.049	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	114279	48.986	ug/l	100
94) Hexachlorobutadiene	15.117	225	59992	49.101	ug/l	100
95) Naphthalene	15.239	128	244066	46.847	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	97162	48.271	ug/l	98

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

