

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007216.D
 Acq On : 19 Jan 2022 10:49
 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 :John
 Carlone

Quant Time: Jan 20 00:15:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

01/20/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	118815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	177995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72598	49.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.600%
35) Dibromofluoromethane	7.722	113	65966	48.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.185	98	240032	47.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.840%
62) 4-Bromofluorobenzene	12.483	95	84904	47.653	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	16822	40.378	ug/l	97
3) Chloromethane	2.119	50	40747	46.639	ug/l	98
4) Vinyl Chloride	2.266	62	60439	47.531	ug/l	96
5) Bromomethane	2.668	94	43558	52.902	ug/l	94
6) Chloroethane	2.808	64	39725	50.071	ug/l	97
7) Trichlorofluoromethane	3.137	101	67767	49.451	ug/l	97
8) Diethyl Ether	3.534	74	37886	50.205	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	64044	47.967	ug/l	98
10) Methyl Iodide	4.101	142	94365	47.785	ug/l	97
11) Tert butyl alcohol	4.960	59	31088	250.090	ug/l	99
12) 1,1-Dichloroethene	3.881	96	62910	46.792	ug/l	97
13) Acrolein	3.729	56	6802	226.199	ug/l	98
14) Allyl chloride	4.485	41	107273	49.761	ug/l	96
15) Acrylonitrile	5.167	53	95685	263.831	ug/l	98
16) Acetone	3.948	43	86797	229.406	ug/l	98
17) Carbon Disulfide	4.204	76	173386	46.439	ug/l	100
18) Methyl Acetate	4.479	43	65839	48.905	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	141361	53.407	ug/l	98
20) Methylene Chloride	4.716	84	69915	44.688	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	67703	46.449	ug/l	98
22) Diisopropyl ether	6.125	45	223692	51.219	ug/l	99
23) Vinyl Acetate	6.064	43	692474	269.616	ug/l	96
24) 1,1-Dichloroethane	6.027	63	129665	48.807	ug/l	98
25) 2-Butanone	6.990	43	122413	250.243	ug/l	98
26) 2,2-Dichloropropane	6.990	77	95406	49.276	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	79453	48.054	ug/l	96
28) Bromochloromethane	7.338	49	53084	55.239	ug/l	94
29) Tetrahydrofuran	7.350	42	82707	263.018	ug/l	96
30) Chloroform	7.515	83	136698	49.522	ug/l	99
31) Cyclohexane	7.795	56	111387	45.193	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	116482	49.370	ug/l	98
36) 1,1-Dichloropropene	7.923	75	102809	46.959	ug/l	99
37) Ethyl Acetate	7.076	43	57579	51.247	ug/l	97
38) Carbon Tetrachloride	7.905	117	108926	47.301	ug/l	97
39) Methylcyclohexane	9.185	83	122156	45.698	ug/l	99
40) Benzene	8.167	78	275789	47.224	ug/l	98

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 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	31456m	48.617	ug/l	
42) 1,2-Dichloroethane	8.240	62	92683	50.398	ug/l	98
43) Isopropyl Acetate	8.277	43	114942	52.576	ug/l	97
44) Trichloroethene	8.947	130	74300	47.016	ug/l	97
45) 1,2-Dichloropropane	9.222	63	72344	48.713	ug/l	94
46) Dibromomethane	9.313	93	42892	48.840	ug/l	98
47) Bromodichloromethane	9.502	83	108622	50.312	ug/l	99
48) Methyl methacrylate	9.295	41	50202	50.485	ug/l	97
49) 1,4-Dioxane	9.313	88	10151	1072.017	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	289673	261.317	ug/l	96
52) Toluene	10.246	92	179766	48.562	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	114041	50.039	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	125027	49.009	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	57514	48.282	ug/l	96
56) Ethyl methacrylate	10.514	69	85640	51.032	ug/l	93
57) 1,3-Dichloropropane	10.795	76	103448	49.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	182555	239.231	ug/l	99
59) 2-Hexanone	10.837	43	191918	255.108	ug/l	96
60) Dibromochloromethane	10.990	129	72511	49.517	ug/l	99
61) 1,2-Dibromoethane	11.093	107	57593	49.213	ug/l	99
64) Tetrachloroethene	10.721	164	58700	45.753	ug/l	99
65) Chlorobenzene	11.520	112	187780	48.248	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	70678	48.989	ug/l	100
67) Ethyl Benzene	11.599	91	353083	48.269	ug/l	99
68) m/p-Xylenes	11.709	106	261366	96.148	ug/l	99
69) o-Xylene	12.032	106	123691	48.318	ug/l	98
70) Styrene	12.050	104	214403	49.647	ug/l	100
71) Bromoform	12.209	173	42377	50.780	ug/l #	98
73) Isopropylbenzene	12.337	105	329323	46.960	ug/l	99
74) N-amyl acetate	12.148	43	99934	53.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	67753	49.684	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	51879m	56.035	ug/l	
77) Bromobenzene	12.611	156	73322	48.050	ug/l	96
78) n-propylbenzene	12.678	91	411505	47.335	ug/l	99
79) 2-Chlorotoluene	12.764	91	230942	47.779	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	273351	47.472	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	25401	50.227	ug/l #	95
82) 4-Chlorotoluene	12.861	91	243055	48.205	ug/l	99
83) tert-Butylbenzene	13.081	119	236943	47.622	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	272307	47.710	ug/l	100
85) sec-Butylbenzene	13.258	105	348990	46.885	ug/l	99
86) p-Isopropyltoluene	13.373	119	290880	47.553	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	142747	47.792	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	142298	47.380	ug/l	99
89) n-Butylbenzene	13.703	91	287694	47.766	ug/l	100
90) Hexachloroethane	13.965	117	57416	48.012	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	127045	47.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11591	49.213	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	77880	48.191	ug/l	98
94) Hexachlorobutadiene	15.117	225	39236	47.108	ug/l	99
95) Naphthalene	15.239	128	173392	50.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	68893	49.968	ug/l	99

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

