

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007916.D
 Acq On : 18 Mar 2022 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 19 01:39:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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 Dadoda
 03/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	260876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	403124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147793	49.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.380%
35) Dibromofluoromethane	7.716	113	154278	48.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.179	98	519004	54.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.360%
62) 4-Bromofluorobenzene	12.483	95	205520	45.085	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.180%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	75141	43.632	ug/l	100
3) Chloromethane	2.113	50	107186	51.127	ug/l	99
4) Vinyl Chloride	2.247	62	136430	51.828	ug/l	97
5) Bromomethane	2.643	94	108266	63.335	ug/l	100
6) Chloroethane	2.790	64	98286	46.070	ug/l	98
7) Trichlorofluoromethane	3.125	101	207877	43.461	ug/l	96
8) Diethyl Ether	3.527	74	81673	46.009	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	135976	44.014	ug/l	91
10) Methyl Iodide	4.088	142	116982	40.964	ug/l	90
11) Tert butyl alcohol	4.948	59	82182	237.163	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	118479	41.825	ug/l	88
13) Acrolein	3.729	56	21331	102.204	ug/l	94
14) Allyl chloride	4.479	41	211585	44.407	ug/l #	91
15) Acrylonitrile	5.161	53	227428	240.401	ug/l	96
16) Acetone	3.942	43	162416	205.829	ug/l	90
17) Carbon Disulfide	4.192	76	254773	46.829	ug/l	100
18) Methyl Acetate	4.479	43	96394	51.499	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	432318	48.653	ug/l	96
20) Methylene Chloride	4.716	84	158823	52.079	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	139234	43.904	ug/l	86
22) Diisopropyl ether	6.112	45	495975	48.385	ug/l #	96
23) Vinyl Acetate	6.057	43	1617927	252.001	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	271719	47.061	ug/l	98
25) 2-Butanone	6.984	43	280905	222.247	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	237583	44.397	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	181394	47.654	ug/l	86
28) Bromochloromethane	7.332	49	113832	49.914	ug/l #	85
29) Tetrahydrofuran	7.344	42	185327	228.840	ug/l #	86
30) Chloroform	7.502	83	292613	49.031	ug/l	99
31) Cyclohexane	7.783	56	208539	48.028	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	250105	46.530	ug/l	95
36) 1,1-Dichloropropene	7.917	75	195477	41.494	ug/l	96
37) Ethyl Acetate	7.069	43	125852	43.782	ug/l #	95
38) Carbon Tetrachloride	7.899	117	217329	43.172	ug/l	99
39) Methylcyclohexane	9.179	83	236924	45.091	ug/l	90
40) Benzene	8.161	78	592146	43.014	ug/l	96

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41) Methacrylonitrile	7.313	41	72243m	40.752	ug/l	
42) 1,2-Dichloroethane	8.234	62	182844	45.873	ug/l	
43) Isopropyl Acetate	8.271	43	248232	44.794	ug/l #	91
44) Trichloroethene	8.935	130	162852	42.780	ug/l	98
45) 1,2-Dichloropropane	9.215	63	161572	45.327	ug/l	94
46) Dibromomethane	9.307	93	93433	44.806	ug/l	93
47) Bromodichloromethane	9.496	83	234461	46.541	ug/l	98
48) Methyl methacrylate	9.289	41	106415	43.167	ug/l #	84
49) 1,4-Dioxane	9.295	88	26466	896.164	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	651842	223.255	ug/l	90
52) Toluene	10.240	92	385786	43.636	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	236156	43.943	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	263073	43.897	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	139080	45.907	ug/l	97
56) Ethyl methacrylate	10.508	69	193569	44.506	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	231288	45.780	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	473551	221.950	ug/l	94
59) 2-Hexanone	10.831	43	445533	213.386	ug/l	88
60) Dibromochloromethane	10.983	129	170076	46.873	ug/l	100
61) 1,2-Dibromoethane	11.087	107	130416	44.497	ug/l	100
64) Tetrachloroethene	10.715	164	127309	40.584	ug/l	94
65) Chlorobenzene	11.514	112	433992	44.942	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	169163	46.526	ug/l	97
67) Ethyl Benzene	11.593	91	753979	43.831	ug/l	97
68) m/p-Xylenes	11.703	106	582162	86.758	ug/l	93
69) o-Xylene	12.026	106	286203	44.095	ug/l	93
70) Styrene	12.044	104	492565	45.138	ug/l	96
71) Bromoform	12.209	173	105727	45.399	ug/l #	99
73) Isopropylbenzene	12.331	105	764756	44.011	ug/l	99
74) N-amyl acetate	12.142	43	224675	43.826	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	170568	45.602	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	121882m	43.316	ug/l	
77) Bromobenzene	12.605	156	175227	44.129	ug/l	99
78) n-propylbenzene	12.672	91	910874	43.411	ug/l	98
79) 2-Chlorotoluene	12.758	91	518314	43.906	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	627120	43.886	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	57737	43.099	ug/l #	84
82) 4-Chlorotoluene	12.855	91	535060	43.630	ug/l	99
83) tert-Butylbenzene	13.075	119	574498	44.927	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	617228	44.063	ug/l	97
85) sec-Butylbenzene	13.251	105	840097	43.837	ug/l	99
86) p-Isopropyltoluene	13.367	119	687171	44.169	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	347009	44.747	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	345132	44.404	ug/l	99
89) n-Butylbenzene	13.696	91	649428	43.497	ug/l	98
90) Hexachloroethane	13.959	117	143609	46.246	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	317491	45.515	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27480	42.705	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	190294	43.155	ug/l	98
94) Hexachlorobutadiene	15.111	225	96288	40.930	ug/l	99
95) Naphthalene	15.239	128	447132	45.449	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	167626	43.100	ug/l	97

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

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