

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008795.D
 Acq On : 18 May 2022 00:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 08:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Dadoda
Internal Standards							05/18/2022
1) Pentafluorobenzene	7.789	168	145426	50.000	ug/l	0.00	Supervised By :Mahesh Dadoda
34) 1,4-Difluorobenzene	8.691	114	246584	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.489	117	253850	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.428	152	160137	50.000	ug/l	0.00	
System Monitoring Compounds							05/18/2022
33) 1,2-Dichloroethane-d4	8.142	65	85330	63.248	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.500%		
35) Dibromofluoromethane	7.716	113	80971	56.201	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.400%		
50) Toluene-d8	10.179	98	349410	54.272	ug/l	0.00	
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.540%		
62) 4-Bromofluorobenzene	12.483	95	131208	56.895	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.800%		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.906	85	41568	45.381	ug/l	95	
3) Chloromethane	2.113	50	66693	50.941	ug/l	99	
4) Vinyl Chloride	2.247	62	96183	48.542	ug/l	98	
5) Bromomethane	2.650	94	81048	47.568	ug/l	96	
6) Chloroethane	2.790	64	73140	48.392	ug/l	98	
7) Trichlorofluoromethane	3.125	101	95299	48.757	ug/l	94	
8) Diethyl Ether	3.527	74	32006	49.672	ug/l	78	
9) 1,1,2-Trichlorotrifluo...	3.899	101	61017	51.022	ug/l	94	
10) Methyl Iodide	4.088	142	71101	47.192	ug/l	91	
11) Tert butyl alcohol	4.960	59	27045	181.381	ug/l #	92	
12) 1,1-Dichloroethene	3.875	96	53832	43.625	ug/l	82	
13) Acrolein	3.729	56	9004	122.068	ug/l	99	
14) Allyl chloride	4.479	41	85386	47.042	ug/l #	89	
15) Acrylonitrile	5.161	53	87827	201.004	ug/l	99	
16) Acetone	3.942	43	63117	204.864	ug/l	90	
17) Carbon Disulfide	4.192	76	148926	46.764	ug/l	100	
18) Methyl Acetate	4.479	43	42295	43.534	ug/l #	88	
19) Methyl tert-butyl Ether	5.222	73	173859	52.313	ug/l	98	
20) Methylene Chloride	4.716	84	73441	53.243	ug/l #	82	
21) trans-1,2-Dichloroethene	5.216	96	70372	46.510	ug/l #	81	
22) Diisopropyl ether	6.118	45	215694	56.112	ug/l #	96	
23) Vinyl Acetate	6.057	43	700252	258.367	ug/l #	92	
24) 1,1-Dichloroethane	6.021	63	129131	50.627	ug/l	99	
25) 2-Butanone	6.984	43	116373	205.543	ug/l #	86	
26) 2,2-Dichloropropane	6.978	77	107813	44.473	ug/l	96	
27) cis-1,2-Dichloroethene	6.984	96	84147	50.142	ug/l	87	
28) Bromochloromethane	7.332	49	52097	53.874	ug/l #	85	
29) Tetrahydrofuran	7.344	42	76663	203.264	ug/l #	85	
30) Chloroform	7.502	83	138162	50.522	ug/l	99	
31) Cyclohexane	7.783	56	105471	49.458	ug/l	89	
32) 1,1,1-Trichloroethane	7.704	97	123723	48.797	ug/l	98	
36) 1,1-Dichloropropene	7.917	75	102735	44.522	ug/l	98	
37) Ethyl Acetate	7.069	43	52800	38.398	ug/l #	94	
38) Carbon Tetrachloride	7.899	117	109586	44.313	ug/l	97	
39) Methylcyclohexane	9.185	83	127721	46.673	ug/l	89	
40) Benzene	8.161	78	309465	47.930	ug/l	98	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	28172m	38.957	ug/l	
42) 1,2-Dichloroethane	8.234	62	91028	48.028	ug/l	
43) Isopropyl Acetate	8.271	43	105088	45.907	ug/l #	92
44) Trichloroethene	8.935	130	79973	45.533	ug/l	99
45) 1,2-Dichloropropane	9.215	63	78609	51.228	ug/l	96
46) Dibromomethane	9.307	93	49576	49.167	ug/l	95
47) Bromodichloromethane	9.496	83	114574	51.256	ug/l	98
48) Methyl methacrylate	9.289	41	47454	47.211	ug/l #	83
49) 1,4-Dioxane	9.301	88	12063	796.485	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	300001	221.996	ug/l	91
52) Toluene	10.246	92	228257	52.026	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	121648	52.393	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	126581	50.557	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	72028	52.531	ug/l	96
56) Ethyl methacrylate	10.508	69	91119	54.773	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	114564	50.814	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	227113	267.725	ug/l	96
59) 2-Hexanone	10.831	43	208611	216.050	ug/l	87
60) Dibromochloromethane	10.983	129	87970	53.443	ug/l	100
61) 1,2-Dibromoethane	11.087	107	69195	50.604	ug/l	98
64) Tetrachloroethene	10.721	164	71108	43.760	ug/l	98
65) Chlorobenzene	11.514	112	245751	47.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	95643	50.956	ug/l	97
67) Ethyl Benzene	11.593	91	449982	49.045	ug/l	98
68) m/p-Xylenes	11.703	106	376819	103.093	ug/l	92
69) o-Xylene	12.032	106	179658	53.195	ug/l	89
70) Styrene	12.044	104	315165	55.126	ug/l	94
71) Bromoform	12.209	173	61713	48.434	ug/l #	98
73) Isopropylbenzene	12.331	105	481234	43.817	ug/l	99
74) N-amyl acetate	12.142	43	113500	43.296	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	97851	40.076	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	72837m	39.375	ug/l	
77) Bromobenzene	12.611	156	109710	43.111	ug/l	94
78) n-propylbenzene	12.672	91	589864	43.718	ug/l	99
79) 2-Chlorotoluene	12.758	91	329716	45.117	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	420279	47.395	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	32362	38.266	ug/l	85
82) 4-Chlorotoluene	12.855	91	361581	46.835	ug/l	97
83) tert-Butylbenzene	13.075	119	371611	46.598	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	428944	48.863	ug/l	97
85) sec-Butylbenzene	13.257	105	588057	47.263	ug/l	99
86) p-Isopropyltoluene	13.373	119	495447	48.836	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	251801	47.091	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	252069	47.659	ug/l	99
89) n-Butylbenzene	13.696	91	439501	45.640	ug/l	100
90) Hexachloroethane	13.965	117	88655	46.220	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	226363	48.409	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14862	35.599	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	114827	44.969	ug/l	100
94) Hexachlorobutadiene	15.117	225	62474	42.518	ug/l	99
95) Naphthalene	15.239	128	242559	42.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	103112	45.967	ug/l	99

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~~05/18/2022~~
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 Dadoda

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

05/18/2022

