

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007515.D
 Acq On : 17 Feb 2022 11:23
 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 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 07:36:06 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	117128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	166570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57948	44.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.620%
35) Dibromofluoromethane	7.716	113	55440	46.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.320%
50) Toluene-d8	10.179	98	202132	44.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.580%
62) 4-Bromofluorobenzene	12.483	95	68024	44.451	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	61849	47.734	ug/l	97
3) Chloromethane	2.113	50	60342	56.431	ug/l	98
4) Vinyl Chloride	2.253	62	63662	48.834	ug/l	96
5) Bromomethane	2.650	94	44103	57.926	ug/l	93
6) Chloroethane	2.796	64	40611	52.645	ug/l	99
7) Trichlorofluoromethane	3.131	101	127355	51.394	ug/l	91
8) Diethyl Ether	3.528	74	34469	48.130	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	67720	49.703	ug/l	96
10) Methyl Iodide	4.088	142	79587	47.319	ug/l	95
11) Tert butyl alcohol	4.948	59	27239	269.274	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	62739	49.331	ug/l	85
13) Acrolein	3.729	56	21022	206.945	ug/l	99
14) Allyl chloride	4.479	41	77603	43.414	ug/l #	87
15) Acrylonitrile	5.167	53	72705	230.604	ug/l	99
16) Acetone	3.948	43	81780	238.364	ug/l	91
17) Carbon Disulfide	4.198	76	167382	45.692	ug/l	99
18) Methyl Acetate	4.472	43	30751	40.008	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	170692	48.393	ug/l	95
20) Methylene Chloride	4.716	84	64972	46.205	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	65177	46.903	ug/l	84
22) Diisopropyl ether	6.119	45	157181	41.825	ug/l #	93
23) Vinyl Acetate	6.058	43	525451	219.157	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	108442	46.170	ug/l	97
25) 2-Butanone	6.984	43	94309	222.009	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	113426	48.194	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	72566	46.849	ug/l	84
28) Bromochloromethane	7.332	49	38746	43.042	ug/l #	64
29) Tetrahydrofuran	7.344	42	55249	221.631	ug/l #	77
30) Chloroform	7.509	83	121574	47.950	ug/l	99
31) Cyclohexane	7.783	56	94425	41.291	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	118886	49.238	ug/l	94
36) 1,1-Dichloropropene	7.917	75	91412	47.482	ug/l	98
37) Ethyl Acetate	7.076	43	39932	45.908	ug/l #	96
38) Carbon Tetrachloride	7.905	117	109799	50.192	ug/l	98
39) Methylcyclohexane	9.185	83	115867	46.356	ug/l #	86
40) Benzene	8.161	78	247328	46.724	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	28534m	50.531	ug/l	02/18/2022
42) 1,2-Dichloroethane	8.240	62	76700	47.417	ug/l	Supervised By : Mahesh Dadoda
43) Isopropyl Acetate	8.277	43	78503	44.435	ug/l #	87
44) Trichloroethene	8.941	130	73325	48.830	ug/l	97
45) 1,2-Dichloropropane	9.216	63	57798	45.922	ug/l	93
46) Dibromomethane	9.307	93	37385	47.833	ug/l	97
47) Bromodichloromethane	9.496	83	92753	48.868	ug/l	96
48) Methyl methacrylate	9.295	41	33786	43.155	ug/l #	02/21/2022
49) 1,4-Dioxane	9.295	88	8880	1055.421	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	200804	228.864	ug/l #	87
52) Toluene	10.246	92	162738	47.946	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	95359	48.119	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	105021	47.492	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	50892	49.094	ug/l	95
56) Ethyl methacrylate	10.508	69	68071	48.832	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	85666	47.987	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	170465	234.687	ug/l	91
59) 2-Hexanone	10.831	43	147617	233.039	ug/l	87
60) Dibromochloromethane	10.984	129	67068	51.307	ug/l	100
61) 1,2-Dibromoethane	11.087	107	51125	49.465	ug/l	99
64) Tetrachloroethene	10.721	164	66193	50.390	ug/l	98
65) Chlorobenzene	11.520	112	176702	48.434	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	67999	49.351	ug/l	99
67) Ethyl Benzene	11.593	91	326443	47.809	ug/l	98
68) m/p-Xylenes	11.703	106	248491	96.162	ug/l	97
69) o-Xylene	12.032	106	115359	47.179	ug/l	100
70) Styrene	12.044	104	195894	48.726	ug/l	98
71) Bromoform	12.209	173	39442	51.972	ug/l #	99
73) Isopropylbenzene	12.331	105	322277	48.009	ug/l	99
74) N-amyl acetate	12.142	43	70564	46.433	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	54356	47.274	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	48932m	55.890	ug/l	
77) Bromobenzene	12.611	156	70151	48.665	ug/l	93
78) n-propylbenzene	12.672	91	383249	47.445	ug/l	99
79) 2-Chlorotoluene	12.758	91	210946	47.370	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	266031	47.844	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20305	48.204	ug/l	84
82) 4-Chlorotoluene	12.855	91	217960	47.744	ug/l	100
83) tert-Butylbenzene	13.075	119	234493	48.251	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	262469	48.683	ug/l	99
85) sec-Butylbenzene	13.251	105	346992	48.437	ug/l	100
86) p-Isopropyltoluene	13.367	119	290720	49.268	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	138648	49.404	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	137168	49.258	ug/l	98
89) n-Butylbenzene	13.696	91	270979	48.291	ug/l	99
90) Hexachloroethane	13.959	117	55487	49.211	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	120559	48.776	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9336	47.826	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	75383	50.945	ug/l	96
94) Hexachlorobutadiene	15.111	225	44865	52.275	ug/l	99
95) Naphthalene	15.233	128	162353	50.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	66409	51.898	ug/l	98

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

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

02/18/2022
 Supervised By :Mahesh
 Dadoda

02/21/2022

