

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007199.D
 Acq On : 17 Jan 2022 21:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 18 03:11:37 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	119942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	186262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78707	53.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.960%			
35) Dibromofluoromethane	7.722	113	70109	50.157	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.320%			
50) Toluene-d8	10.178	98	251065	49.156	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.320%			
62) 4-Bromofluorobenzene	12.483	95	91264	50.233	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	22192	52.767	ug/l	97
3) Chloromethane	2.113	50	39106	44.340	ug/l	95
4) Vinyl Chloride	2.259	62	63074	49.137	ug/l	98
5) Bromomethane	2.662	94	43797	52.692	ug/l	96
6) Chloroethane	2.802	64	41427	51.725	ug/l	99
7) Trichlorofluoromethane	3.125	101	61756	44.641	ug/l	97
8) Diethyl Ether	3.527	74	39432	51.763	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	64750	48.040	ug/l	99
10) Methyl Iodide	4.088	142	97686	49.002	ug/l	96
11) Tert butyl alcohol	4.954	59	34290	273.712	ug/l	100
12) 1,1-Dichloroethene	3.875	96	65162	48.011	ug/l	98
13) Acrolein	3.728	56	6567	215.573	ug/l	87
14) Allyl chloride	4.478	41	112830	51.847	ug/l	96
15) Acrylonitrile	5.161	53	98929	270.213	ug/l	97
16) Acetone	3.942	43	93092	243.732	ug/l	97
17) Carbon Disulfide	4.198	76	177283	47.036	ug/l	98
18) Methyl Acetate	4.478	43	71287	52.454	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	143587	53.739	ug/l	98
20) Methylene Chloride	4.716	84	74722	47.311	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	71881	48.852	ug/l	94
22) Diisopropyl ether	6.118	45	236601	53.666	ug/l	98
23) Vinyl Acetate	6.057	43	725782	279.930	ug/l	99
24) 1,1-Dichloroethane	6.021	63	138613	51.685	ug/l	98
25) 2-Butanone	6.984	43	134375	272.115	ug/l	96
26) 2,2-Dichloropropane	6.984	77	94208	48.200	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	83889	50.260	ug/l	95
28) Bromochloromethane	7.338	49	59651	61.490	ug/l	92
29) Tetrahydrofuran	7.350	42	88464	278.683	ug/l	96
30) Chloroform	7.502	83	146446	52.555	ug/l	100
31) Cyclohexane	7.789	56	115558	46.444	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	121314	50.935	ug/l	98
36) 1,1-Dichloropropene	7.917	75	108168	48.452	ug/l	98
37) Ethyl Acetate	7.069	43	62398	54.463	ug/l	96
38) Carbon Tetrachloride	7.904	117	112434	47.881	ug/l	99
39) Methylcyclohexane	9.185	83	128787	47.248	ug/l	98
40) Benzene	8.161	78	294399	49.437	ug/l	96

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Quant Title : SW846 8260

QLast Update : Fri Jan 14 05:48:29 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	27118m	41.103	ug/l	
42) 1,2-Dichloroethane	8.240	62	99086	52.839	ug/l	98
43) Isopropyl Acetate	8.270	43	122383	54.898	ug/l	96
44) Trichloroethene	8.941	130	77643	48.182	ug/l	94
45) 1,2-Dichloropropane	9.215	63	77523	51.192	ug/l	96
46) Dibromomethane	9.307	93	45617	50.940	ug/l	97
47) Bromodichloromethane	9.496	83	114538	52.028	ug/l	98
48) Methyl methacrylate	9.294	41	53985	53.241	ug/l	95
49) 1,4-Dioxane	9.301	88	11731	1214.946	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	310141	274.377	ug/l	95
52) Toluene	10.246	92	188434	49.921	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	120924	52.034	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	132436	50.910	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	62247	51.246	ug/l	97
56) Ethyl methacrylate	10.508	69	90806	53.065	ug/l	95
57) 1,3-Dichloropropane	10.794	76	109954	51.932	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	190823	245.236	ug/l	98
59) 2-Hexanone	10.831	43	208178	271.376	ug/l	96
60) Dibromochloromethane	10.983	129	76638	51.325	ug/l	99
61) 1,2-Dibromoethane	11.087	107	61743	51.741	ug/l	100
64) Tetrachloroethene	10.721	164	63487	47.288	ug/l	98
65) Chlorobenzene	11.520	112	198724	48.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	74653	49.448	ug/l	99
67) Ethyl Benzene	11.593	91	377655	49.336	ug/l	100
68) m/p-Xylenes	11.703	106	274157	96.377	ug/l	97
69) o-Xylene	12.032	106	129716	48.422	ug/l	96
70) Styrene	12.044	104	224649	49.711	ug/l	99
71) Bromoform	12.209	173	44724	51.214	ug/l #	98
73) Isopropylbenzene	12.331	105	348241	47.417	ug/l	100
74) N-amyl acetate	12.142	43	104644	53.283	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	72484	50.755	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	48874m	50.408	ug/l	
77) Bromobenzene	12.611	156	77853	48.718	ug/l	97
78) n-propylbenzene	12.672	91	429627	47.190	ug/l	100
79) 2-Chlorotoluene	12.757	91	245843	48.567	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	290588	48.189	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	26802	50.607	ug/l #	99
82) 4-Chlorotoluene	12.855	91	253610	48.029	ug/l	99
83) tert-Butylbenzene	13.074	119	257592	49.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	288247	48.224	ug/l	99
85) sec-Butylbenzene	13.257	105	366913	47.069	ug/l	99
86) p-Isopropyltoluene	13.373	119	304883	47.594	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	151821	48.537	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	150969	47.999	ug/l	98
89) n-Butylbenzene	13.696	91	299112	47.422	ug/l	99
90) Hexachloroethane	13.964	117	61756	49.311	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	133853	48.095	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11789	47.796	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	79604	47.035	ug/l	100
94) Hexachlorobutadiene	15.117	225	40611	46.560	ug/l	97
95) Naphthalene	15.239	128	182637	50.809	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	69161	47.899	ug/l	99

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

