

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010363.D
 Acq On : 07 Sep 2022 09:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 03:39:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	309081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	477136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	422943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154506	48.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.500%
35) Dibromofluoromethane	7.716	113	152600	48.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.179	98	579683	54.509	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.020%
62) 4-Bromofluorobenzene	12.483	95	200067	46.539	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	101612	41.182	ug/l	99
3) Chloromethane	2.113	50	157086	46.629	ug/l	96
4) Vinyl Chloride	2.247	62	189050	51.505	ug/l	100
5) Bromomethane	2.650	94	127307	63.264	ug/l	100
6) Chloroethane	2.790	64	123472	54.992	ug/l	100
7) Trichlorofluoromethane	3.125	101	243554	47.338	ug/l	93
8) Diethyl Ether	3.527	74	77164	41.972	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	144892	45.598	ug/l	96
10) Methyl Iodide	4.088	142	188822	49.394	ug/l	90
11) Tert butyl alcohol	4.942	59	78297	206.504	ug/l	99
12) 1,1-Dichloroethene	3.869	96	138700	45.079	ug/l	85
13) Acrolein	3.723	56	104392	260.085	ug/l	98
14) Allyl chloride	4.472	41	212818	39.298	ug/l #	94
15) Acrylonitrile	5.155	53	196496	205.122	ug/l	98
16) Acetone	3.942	43	218023	275.185	ug/l #	89
17) Carbon Disulfide	4.192	76	385662	41.150	ug/l	99
18) Methyl Acetate	4.472	43	99210	40.350	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	378604	42.091	ug/l	94
20) Methylene Chloride	4.710	84	155727	40.730	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	155795	44.683	ug/l	87
22) Diisopropyl ether	6.112	45	456263	41.455	ug/l #	94
23) Vinyl Acetate	6.051	43	1421848	206.039	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	271439	42.811	ug/l	99
25) 2-Butanone	6.978	43	290282	223.252	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	261383	45.262	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	180147	45.210	ug/l	89
28) Bromochloromethane	7.332	49	105950	47.792	ug/l #	83
29) Tetrahydrofuran	7.338	42	162674	195.286	ug/l #	87
30) Chloroform	7.502	83	282332	45.218	ug/l	99
31) Cyclohexane	7.783	56	241820	39.114	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	259223	45.564	ug/l	96
36) 1,1-Dichloropropene	7.917	75	215800	46.305	ug/l	97
37) Ethyl Acetate	7.070	43	112329	42.039	ug/l #	95
38) Carbon Tetrachloride	7.899	117	239054	49.771	ug/l	97
39) Methylcyclohexane	9.179	83	269746	44.833	ug/l	91
40) Benzene	8.155	78	618585	46.345	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	66609m	44.217	ug/l	94
42) 1,2-Dichloroethane	8.234	62	181031	46.778	ug/l	94
43) Isopropyl Acetate	8.271	43	210417	41.312	ug/l #	91
44) Trichloroethene	8.935	130	177271	48.379	ug/l	98
45) 1,2-Dichloropropane	9.215	63	152203	44.758	ug/l	96
46) Dibromomethane	9.301	93	86939	46.548	ug/l	96
47) Bromodichloromethane	9.496	83	217527	47.359	ug/l	99
48) Methyl methacrylate	9.289	41	96695	40.699	ug/l #	87
49) 1,4-Dioxane	9.295	88	24060	936.195	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	573623	218.290	ug/l	91
52) Toluene	10.246	92	402705	47.165	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	224479	45.312	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	253327	45.349	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	124345	46.899	ug/l	98
56) Ethyl methacrylate	10.508	69	169741	43.333	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	209666	45.369	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	221215	206.353	ug/l	94
59) 2-Hexanone	10.831	43	419667	230.307	ug/l	89
60) Dibromochloromethane	10.983	129	155747	48.749	ug/l	100
61) 1,2-Dibromoethane	11.087	107	120211	46.917	ug/l	99
64) Tetrachloroethene	10.715	164	172108	49.898	ug/l	98
65) Chlorobenzene	11.514	112	433123	48.058	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	160849	48.604	ug/l	98
67) Ethyl Benzene	11.593	91	777593	47.116	ug/l	99
68) m/p-Xylenes	11.703	106	604743	95.921	ug/l	94
69) o-Xylene	12.032	106	290640	47.481	ug/l	93
70) Styrene	12.044	104	488435	47.902	ug/l	96
71) Bromoform	12.209	173	98894	48.342	ug/l #	100
73) Isopropylbenzene	12.331	105	772691	46.547	ug/l	99
74) N-amyl acetate	12.142	43	193067	42.156	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	142589	44.695	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	115233m	46.538	ug/l	99
77) Bromobenzene	12.611	156	181563	48.079	ug/l	93
78) n-propylbenzene	12.672	91	924777	46.408	ug/l	98
79) 2-Chlorotoluene	12.758	91	515382	45.759	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	650076	46.740	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	51090	43.043	ug/l	89
82) 4-Chlorotoluene	12.855	91	523490	45.140	ug/l	96
83) tert-Butylbenzene	13.075	119	567406	46.957	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	639277	46.805	ug/l	97
85) sec-Butylbenzene	13.251	105	838050	46.899	ug/l	99
86) p-Isopropyltoluene	13.367	119	713548	48.342	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	357753	48.790	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	353900	48.544	ug/l	98
89) n-Butylbenzene	13.696	91	652875	46.790	ug/l	98
90) Hexachloroethane	13.965	117	131405	46.379	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	316713	48.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23155	41.189	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	195925	48.436	ug/l	99
94) Hexachlorobutadiene	15.111	225	115077	48.538	ug/l	98
95) Naphthalene	15.239	128	393891	46.930	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	168743	49.254	ug/l	99

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

09/08/2022
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 Dadoda

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