

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012835.D
 Acq On : 06 Mar 2023 19:39
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/07/2023
 Supervised By :Mahesh Dadoda 03/07/2023

Quant Time: Mar 07 04:28:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	104452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	146151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	49110	47.354	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.700%		
35) Dibromofluoromethane	7.716	113	47492	49.725	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.460%		
50) Toluene-d8	10.179	98	167902	48.087	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.180%		
62) 4-Bromofluorobenzene	12.483	95	60135	51.026	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46908	45.563	ug/l	99
3) Chloromethane	2.113	50	55530	45.117	ug/l	97
4) Vinyl Chloride	2.253	62	55163	48.876	ug/l	98
5) Bromomethane	2.644	94	34845	50.810	ug/l	93
6) Chloroethane	2.790	64	35257	52.161	ug/l	99
7) Trichlorofluoromethane	3.125	101	92362	49.272	ug/l	99
8) Diethyl Ether	3.528	74	32626	49.667	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	55761	49.443	ug/l	99
10) Methyl Iodide	4.089	142	74985	51.028	ug/l	98
11) Tert butyl alcohol	4.948	59	32689	276.197	ug/l	100
12) 1,1-Dichloroethene	3.869	96	53948	50.155	ug/l	97
13) Acrolein	3.729	56	49289	271.274	ug/l	99
14) Allyl chloride	4.479	41	88469	44.527	ug/l	94
15) Acrylonitrile	5.162	53	92746	267.959	ug/l	99
16) Acetone	3.942	43	103274	253.708	ug/l	97
17) Carbon Disulfide	4.192	76	178153	48.659	ug/l	100
18) Methyl Acetate	4.479	43	59615	49.179	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	149311	53.742	ug/l	99
20) Methylene Chloride	4.710	84	68603	55.859	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	59989	51.322	ug/l	99
22) Diisopropyl ether	6.119	45	187849	52.054	ug/l	97
23) Vinyl Acetate	6.058	43	602431	268.670	ug/l	100
24) 1,1-Dichloroethane	6.015	63	104802	50.964	ug/l	99
25) 2-Butanone	6.984	43	132139	262.089	ug/l	99
26) 2,2-Dichloropropane	6.978	77	89615	49.067	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	68058	54.308	ug/l	96
28) Bromochloromethane	7.332	49	39101	52.031	ug/l	94
29) Tetrahydrofuran	7.344	42	83019	273.018	ug/l	96
30) Chloroform	7.503	83	109887	54.099	ug/l	99
31) Cyclohexane	7.783	56	91866	46.253	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	95775	52.140	ug/l	99
36) 1,1-Dichloropropene	7.917	75	81463	50.898	ug/l	99
37) Ethyl Acetate	7.070	43	54873	54.395	ug/l	98
38) Carbon Tetrachloride	7.899	117	88632	53.625	ug/l	97
39) Methylcyclohexane	9.185	83	97601	51.293	ug/l	98
40) Benzene	8.161	78	244420	53.986	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	30236m	55.631	ug/l	
42) 1,2-Dichloroethane	8.234	62	75136	55.200	ug/l	99
43) Isopropyl Acetate	8.271	43	98479	54.717	ug/l	99
44) Trichloroethene	8.941	130	63927	53.555	ug/l	99
45) 1,2-Dichloropropane	9.216	63	60789	53.128	ug/l	93
46) Dibromomethane	9.301	93	36903	56.612	ug/l	98
47) Bromodichloromethane	9.496	83	84532	55.030	ug/l	98
48) Methyl methacrylate	9.295	41	46777	56.405	ug/l	99
49) 1,4-Dioxane	9.295	88	10412	1235.573	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	279559	286.353	ug/l	99
52) Toluene	10.246	92	151532	55.498	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	89702	55.673	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	100015	54.842	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	52053	57.339	ug/l	98
56) Ethyl methacrylate	10.508	69	70852	58.533	ug/l	97
57) 1,3-Dichloropropane	10.789	76	87467	56.568	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	185045	291.207	ug/l	100
59) 2-Hexanone	10.831	43	205780	290.019	ug/l	99
60) Dibromochloromethane	10.984	129	63879	57.806	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49315	56.393	ug/l	100
64) Tetrachloroethene	10.721	164	56046	52.671	ug/l	98
65) Chlorobenzene	11.514	112	163502	53.304	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	60495	53.299	ug/l	98
67) Ethyl Benzene	11.593	91	289561	53.693	ug/l	99
68) m/p-Xylenes	11.703	106	224242	108.088	ug/l	100
69) o-Xylene	12.032	106	105684	54.583	ug/l	98
70) Styrene	12.044	104	181804	56.267	ug/l	99
71) Bromoform	12.209	173	42124	56.922	ug/l #	98
73) Isopropylbenzene	12.331	105	280593	52.935	ug/l	100
74) N-amyl acetate	12.142	43	88346	52.972	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	65102	54.636	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	39648m	44.391	ug/l	
77) Bromobenzene	12.611	156	68842	53.461	ug/l	97
78) n-propylbenzene	12.672	91	345763	52.908	ug/l	99
79) 2-Chlorotoluene	12.758	91	190921	52.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	232475	53.144	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22488	52.170	ug/l	97
82) 4-Chlorotoluene	12.855	91	198014	52.666	ug/l	100
83) tert-Butylbenzene	13.075	119	202048	53.513	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	232623	54.382	ug/l	99
85) sec-Butylbenzene	13.252	105	305317	53.006	ug/l	100
86) p-Isopropyltoluene	13.367	119	253882	53.930	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	133325	53.682	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	132363	52.219	ug/l	99
89) n-Butylbenzene	13.697	91	236340	52.442	ug/l	99
90) Hexachloroethane	13.959	117	50940	51.953	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	122463	54.548	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10638	55.241	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	73237	52.982	ug/l	99
94) Hexachlorobutadiene	15.111	225	42770	50.730	ug/l	99
95) Naphthalene	15.239	128	157611	56.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	65657	53.407	ug/l	98

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

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