

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012785.D
 Acq On : 03 Mar 2023 10:07
 Operator : KP/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 :Krupa Patel 03/06/2023
 Supervised By :Mahesh Dadoda 03/06/2023

Quant Time: Mar 03 14:35:28 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	114206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	155193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	51136	45.097	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.200%		
35) Dibromofluoromethane	7.722	113	50657	48.546	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.100%		
50) Toluene-d8	10.179	98	181021	47.453	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.900%		
62) 4-Bromofluorobenzene	12.483	95	61950	48.114	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55357	49.177	ug/l	96
3) Chloromethane	2.113	50	64259	47.750	ug/l	99
4) Vinyl Chloride	2.253	62	63002	51.054	ug/l	100
5) Bromomethane	2.656	94	37031	49.386	ug/l	99
6) Chloroethane	2.796	64	38148	51.618	ug/l	99
7) Trichlorofluoromethane	3.131	101	103265	50.384	ug/l	99
8) Diethyl Ether	3.534	74	34813	48.470	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	62598	50.765	ug/l	98
10) Methyl Iodide	4.094	142	78552	48.890	ug/l	98
11) Tert butyl alcohol	4.948	59	27847	210.348	ug/l	99
12) 1,1-Dichloroethene	3.875	96	60303	51.275	ug/l	97
13) Acrolein	3.735	56	43625	219.595	ug/l	100
14) Allyl chloride	4.485	41	109771	50.529	ug/l	99
15) Acrylonitrile	5.161	53	92680	244.899	ug/l	100
16) Acetone	3.948	43	111862	251.335	ug/l	100
17) Carbon Disulfide	4.198	76	202043	50.471	ug/l	99
18) Methyl Acetate	4.478	43	63139	47.637	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	157081	51.710	ug/l	99
20) Methylene Chloride	4.716	84	68489	50.480	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	67694	52.967	ug/l	97
22) Diisopropyl ether	6.118	45	205563	52.097	ug/l	99
23) Vinyl Acetate	6.057	43	620335	253.027	ug/l	100
24) 1,1-Dichloroethane	6.021	63	115316	51.288	ug/l	100
25) 2-Butanone	6.984	43	135828	246.396	ug/l	97
26) 2,2-Dichloropropane	6.984	77	99930	50.041	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	71465	52.156	ug/l	99
28) Bromochloromethane	7.338	49	41028	49.933	ug/l	99
29) Tetrahydrofuran	7.350	42	79219	238.270	ug/l	100
30) Chloroform	7.508	83	115018	51.789	ug/l	97
31) Cyclohexane	7.789	56	108244	49.844	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	104207	51.885	ug/l	99
36) 1,1-Dichloropropene	7.917	75	91771	52.481	ug/l	99
37) Ethyl Acetate	7.076	43	51298	46.544	ug/l	100
38) Carbon Tetrachloride	7.899	117	95915	53.116	ug/l	98
39) Methylcyclohexane	9.185	83	111676	53.718	ug/l	98
40) Benzene	8.161	78	260088	52.581	ug/l	100

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41) Methacrylonitrile	7.307	41	27533m	46.367	ug/l	
42) 1,2-Dichloroethane	8.240	62	76410	51.381	ug/l	99
43) Isopropyl Acetate	8.277	43	96980	49.320	ug/l	99
44) Trichloroethene	8.941	130	68914	52.842	ug/l	96
45) 1,2-Dichloropropane	9.215	63	65621	52.493	ug/l	96
46) Dibromomethane	9.307	93	36094	50.681	ug/l	97
47) Bromodichloromethane	9.496	83	88292	52.609	ug/l	97
48) Methyl methacrylate	9.295	41	45590	50.318	ug/l	98
49) 1,4-Dioxane	9.295	88	9241	1003.724	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	265089	248.531	ug/l	100
52) Toluene	10.246	92	160386	53.765	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	92155	52.350	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	105126	52.761	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	50599	51.016	ug/l	98
56) Ethyl methacrylate	10.514	69	69135	52.277	ug/l	100
57) 1,3-Dichloropropane	10.788	76	87522	51.809	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	176821	254.694	ug/l	99
59) 2-Hexanone	10.831	43	197996	255.411	ug/l	99
60) Dibromochloromethane	10.983	129	62293	51.596	ug/l	100
61) 1,2-Dibromoethane	11.087	107	48478	50.740	ug/l	99
64) Tetrachloroethene	10.721	164	58120	51.437	ug/l	99
65) Chlorobenzene	11.520	112	169620	52.077	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	61641	51.144	ug/l	99
67) Ethyl Benzene	11.593	91	307429	53.685	ug/l	99
68) m/p-Xylenes	11.703	106	235423	106.866	ug/l	100
69) o-Xylene	12.032	106	111619	54.289	ug/l	97
70) Styrene	12.044	104	186484	54.352	ug/l	100
71) Bromoform	12.209	173	39451	50.204	ug/l #	98
73) Isopropylbenzene	12.331	105	296738	56.016	ug/l	100
74) N-amyl acetate	12.142	43	84210	50.523	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	61412	51.571	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	40572m	45.454	ug/l	
77) Bromobenzene	12.611	156	69247	53.809	ug/l	97
78) n-propylbenzene	12.672	91	366326	56.089	ug/l	99
79) 2-Chlorotoluene	12.757	91	198450	54.671	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	240699	55.058	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	21656	50.271	ug/l	98
82) 4-Chlorotoluene	12.855	91	203702	54.212	ug/l	100
83) tert-Butylbenzene	13.074	119	216364	57.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	238171	55.714	ug/l	100
85) sec-Butylbenzene	13.257	105	317497	55.155	ug/l	100
86) p-Isopropyltoluene	13.373	119	260740	55.421	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	135256	54.494	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	132639	52.361	ug/l	99
89) n-Butylbenzene	13.696	91	247909	55.043	ug/l	99
90) Hexachloroethane	13.965	117	51742	52.804	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	119168	53.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9405	48.869	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	71327	51.633	ug/l	98
94) Hexachlorobutadiene	15.117	225	42367	50.283	ug/l	99
95) Naphthalene	15.239	128	140262	50.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62276	50.688	ug/l	99

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

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