

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012762.D
 Acq On : 02 Mar 2023 16:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 01:55:07 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	121499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58082	48.148	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.300%		
35) Dibromofluoromethane	7.716	113	55506	48.434	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.860%		
50) Toluene-d8	10.179	98	200926	47.959	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.920%		
62) 4-Bromofluorobenzene	12.483	95	66517	47.039	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57169	47.738	ug/l	100
3) Chloromethane	2.113	50	65950	46.065	ug/l	98
4) Vinyl Chloride	2.253	62	64974	49.491	ug/l	99
5) Bromomethane	2.650	94	39219	49.164	ug/l	95
6) Chloroethane	2.796	64	39507	50.248	ug/l	98
7) Trichlorofluoromethane	3.131	101	107576	49.336	ug/l	98
8) Diethyl Ether	3.528	74	37744	49.396	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	65624	50.024	ug/l	98
10) Methyl Iodide	4.095	142	88208	51.605	ug/l	99
11) Tert butyl alcohol	4.954	59	31771	227.171	ug/l	99
12) 1,1-Dichloroethene	3.875	96	63325	50.613	ug/l	98
13) Acrolein	3.729	56	48713	230.487	ug/l	99
14) Allyl chloride	4.485	41	123109	53.268	ug/l	99
15) Acrylonitrile	5.155	53	101004	250.874	ug/l	100
16) Acetone	3.948	43	120023	253.484	ug/l	98
17) Carbon Disulfide	4.192	76	215212	50.534	ug/l	100
18) Methyl Acetate	4.479	43	69017	48.947	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	171547	53.082	ug/l	99
20) Methylene Chloride	4.716	84	72596	50.273	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	70466	51.827	ug/l	93
22) Diisopropyl ether	6.119	45	228430	54.418	ug/l	98
23) Vinyl Acetate	6.058	43	697982	267.609	ug/l	100
24) 1,1-Dichloroethane	6.015	63	125015	52.264	ug/l	99
25) 2-Butanone	6.984	43	148390	253.027	ug/l	96
26) 2,2-Dichloropropane	6.984	77	108267	50.962	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	75426	51.743	ug/l	98
28) Bromochloromethane	7.332	49	46384	53.063	ug/l	94
29) Tetrahydrofuran	7.350	42	88704	250.784	ug/l	98
30) Chloroform	7.503	83	121288	51.334	ug/l	98
31) Cyclohexane	7.783	56	118553	51.314	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	109502	51.249	ug/l	98
36) 1,1-Dichloropropene	7.917	75	98320	51.196	ug/l	99
37) Ethyl Acetate	7.070	43	59751	49.363	ug/l	98
38) Carbon Tetrachloride	7.899	117	101185	51.022	ug/l	97
39) Methylcyclohexane	9.185	83	118491	51.897	ug/l	98
40) Benzene	8.161	78	278060	51.185	ug/l	99

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41) Methacrylonitrile	7.307	41	26681m	40.912	ug/l	
42) 1,2-Dichloroethane	8.240	62	81535	49.922	ug/l	100
43) Isopropyl Acetate	8.271	43	109017	50.481	ug/l	99
44) Trichloroethene	8.941	130	72418	50.561	ug/l	96
45) 1,2-Dichloropropane	9.216	63	70997	51.712	ug/l	100
46) Dibromomethane	9.307	93	38974	49.829	ug/l	99
47) Bromodichloromethane	9.496	83	92133	49.986	ug/l	96
48) Methyl methacrylate	9.295	41	51758	52.014	ug/l	98
49) 1,4-Dioxane	9.301	88	9637	953.089	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	296039	252.717	ug/l	99
52) Toluene	10.246	92	167459	51.113	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	98124	50.754	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	111473	50.941	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	52234	47.953	ug/l	100
56) Ethyl methacrylate	10.508	69	74892	51.564	ug/l	99
57) 1,3-Dichloropropane	10.789	76	91879	49.522	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	193928	254.344	ug/l	98
59) 2-Hexanone	10.831	43	217721	255.729	ug/l	98
60) Dibromochloromethane	10.984	129	63395	47.811	ug/l	100
61) 1,2-Dibromoethane	11.087	107	49434	47.112	ug/l	100
64) Tetrachloroethene	10.721	164	58894	48.774	ug/l	97
65) Chlorobenzene	11.520	112	174901	50.248	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	64387	49.990	ug/l	99
67) Ethyl Benzene	11.593	91	318000	51.963	ug/l	100
68) m/p-Xylenes	11.703	106	243653	103.496	ug/l	99
69) o-Xylene	12.032	106	113917	51.847	ug/l	99
70) Styrene	12.044	104	192135	52.402	ug/l	99
71) Bromoform	12.209	173	39815	47.412	ug/l #	98
73) Isopropylbenzene	12.331	105	301117	53.362	ug/l	100
74) N-amyl acetate	12.142	43	93115	52.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	62074	48.936	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41860m	44.025	ug/l	
77) Bromobenzene	12.611	156	69882	50.978	ug/l	100
78) n-propylbenzene	12.672	91	375208	53.932	ug/l	98
79) 2-Chlorotoluene	12.758	91	204763	52.957	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	248775	53.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22562	49.168	ug/l	97
82) 4-Chlorotoluene	12.855	91	206399	51.567	ug/l	99
83) tert-Butylbenzene	13.075	119	211785	52.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.124	105	242587	53.272	ug/l	100
85) sec-Butylbenzene	13.258	105	324696	52.952	ug/l	99
86) p-Isopropyltoluene	13.373	119	263750	52.629	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	134905	51.025	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	134661	49.905	ug/l	99
89) n-Butylbenzene	13.697	91	252508	52.632	ug/l	99
90) Hexachloroethane	13.965	117	52301	50.107	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	118857	49.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9937	48.472	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	72809	49.479	ug/l	99
94) Hexachlorobutadiene	15.117	225	42885	47.782	ug/l	99
95) Naphthalene	15.239	128	145239	49.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	63530	48.543	ug/l	100

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

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