

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012984.D
 Acq On : 17 Mar 2023 13:28
 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 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

Quant Time: Mar 18 05:43:31 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	7.783	168	109168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	168684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	48384	44.639	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.280%		
35) Dibromofluoromethane	7.716	113	48843	47.979	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.960%		
50) Toluene-d8	10.179	98	159565	42.875	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.760%		
62) 4-Bromofluorobenzene	12.483	95	59886	47.675	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54239	50.407	ug/l	99
3) Chloromethane	2.113	50	60854	47.307	ug/l	100
4) Vinyl Chloride	2.253	62	51307	43.495	ug/l	98
5) Bromomethane	2.650	94	34776	48.519	ug/l	92
6) Chloroethane	2.790	64	33003	46.717	ug/l	99
7) Trichlorofluoromethane	3.125	101	89772	45.822	ug/l	100
8) Diethyl Ether	3.528	74	34123	49.702	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	55975	47.488	ug/l	99
10) Methyl Iodide	4.088	142	78285	50.973	ug/l	98
11) Tert butyl alcohol	4.948	59	30886	247.585	ug/l	100
12) 1,1-Dichloroethene	3.869	96	56090	49.894	ug/l	97
13) Acrolein	3.723	56	35960	189.365	ug/l	99
14) Allyl chloride	4.479	41	106318	51.198	ug/l	98
15) Acrylonitrile	5.155	53	90868	251.191	ug/l	100
16) Acetone	3.942	43	123600	290.524	ug/l	98
17) Carbon Disulfide	4.192	76	188535	49.270	ug/l	99
18) Methyl Acetate	4.473	43	64025	50.535	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	150626	51.873	ug/l	99
20) Methylene Chloride	4.710	84	71918	56.047	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	61822	50.605	ug/l	96
22) Diisopropyl ether	6.119	45	195634	51.869	ug/l	98
23) Vinyl Acetate	6.058	43	623514	266.060	ug/l	100
24) 1,1-Dichloroethane	6.015	63	109600	50.995	ug/l	99
25) 2-Butanone	6.978	43	143826	272.946	ug/l	96
26) 2,2-Dichloropropane	6.978	77	95494	50.027	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	67057	51.198	ug/l	98
28) Bromochloromethane	7.332	49	40175	51.151	ug/l	99
29) Tetrahydrofuran	7.344	42	83084	261.428	ug/l	99
30) Chloroform	7.503	83	108856	51.277	ug/l	99
31) Cyclohexane	7.783	56	96907	46.683	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	95575	49.783	ug/l	98
36) 1,1-Dichloropropene	7.917	75	84471	49.515	ug/l	100
37) Ethyl Acetate	7.070	43	54399	50.593	ug/l	99
38) Carbon Tetrachloride	7.893	117	87753	49.812	ug/l	98
39) Methylcyclohexane	9.179	83	100165	49.387	ug/l	96
40) Benzene	8.161	78	242865	50.328	ug/l	100

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41) Methacrylonitrile	7.307	41	26902m	46.438	ug/l	
42) 1,2-Dichloroethane	8.234	62	74132	51.096	ug/l	100
43) Isopropyl Acetate	8.271	43	99299	51.763	ug/l	99
44) Trichloroethene	8.935	130	62978	49.499	ug/l	91
45) 1,2-Dichloropropane	9.210	63	61740	50.624	ug/l	96
46) Dibromomethane	9.301	93	35525	51.130	ug/l	100
47) Bromodichloromethane	9.496	83	82798	50.570	ug/l	99
48) Methyl methacrylate	9.289	41	47933	54.227	ug/l	98
49) 1,4-Dioxane	9.295	88	9814	1092.635	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	274868	264.148	ug/l	100
52) Toluene	10.246	92	149594	51.402	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	88762	51.685	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	99580	51.228	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	47726	49.324	ug/l	99
56) Ethyl methacrylate	10.508	69	68391	53.008	ug/l	99
57) 1,3-Dichloropropane	10.789	76	83478	50.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	188780	278.724	ug/l	99
59) 2-Hexanone	10.831	43	206622	273.209	ug/l	99
60) Dibromochloromethane	10.984	129	58515	49.680	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46822	50.234	ug/l	100
64) Tetrachloroethene	10.721	164	54138	49.205	ug/l	98
65) Chlorobenzene	11.514	112	157420	49.634	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	58596	49.929	ug/l	99
67) Ethyl Benzene	11.593	91	284308	50.986	ug/l	100
68) m/p-Xylenes	11.703	106	216975	101.148	ug/l	98
69) o-Xylene	12.026	106	101657	50.777	ug/l	100
70) Styrene	12.044	104	171991	51.480	ug/l	98
71) Bromoform	12.209	173	38285	50.034	ug/l #	98
73) Isopropylbenzene	12.331	105	267281	48.693	ug/l	100
74) N-amyl acetate	12.142	43	87262	50.525	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	58720	47.588	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	46120m	49.864	ug/l	
77) Bromobenzene	12.611	156	64911	48.677	ug/l	99
78) n-propylbenzene	12.672	91	335208	49.532	ug/l	99
79) 2-Chlorotoluene	12.758	91	184559	49.068	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	225409	49.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	21469	48.096	ug/l	97
82) 4-Chlorotoluene	12.855	91	191575	49.204	ug/l	99
83) tert-Butylbenzene	13.075	119	192635	49.268	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	220838	49.854	ug/l	99
85) sec-Butylbenzene	13.251	105	291775	48.916	ug/l	99
86) p-Isopropyltoluene	13.367	119	241217	49.480	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	126986	49.375	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	125682	47.881	ug/l	98
89) n-Butylbenzene	13.697	91	229286	49.130	ug/l	100
90) Hexachloroethane	13.965	117	48772	48.034	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	113626	48.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10103	50.662	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	70822	49.476	ug/l	99
94) Hexachlorobutadiene	15.111	225	41163	47.148	ug/l	99
95) Naphthalene	15.239	128	147169	51.305	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	62956	49.452	ug/l	100

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

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