

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016776.D
 Acq On : 21 Dec 2023 23:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:47:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	148185	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	261139	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	225934	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	96390	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	74525	55.091	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.180%			
35) Dibromofluoromethane	7.746	113	78674	52.594	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.180%			
50) Toluene-d8	10.203	98	288745	53.546	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.100%			
62) 4-Bromofluorobenzene	12.501	95	92207	52.706	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	53338	42.119	ug/l	96
3) Chloromethane	2.125	50	94444	48.518	ug/l	99
4) Vinyl Chloride	2.265	62	105903	48.166	ug/l	100
5) Bromomethane	2.674	94	79918	51.033	ug/l	97
6) Chloroethane	2.814	64	73014	49.007	ug/l	100
7) Trichlorofluoromethane	3.149	101	119081	46.492	ug/l	99
8) Diethyl Ether	3.552	74	41906	51.145	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.930	101	74215	47.235	ug/l	99
10) Methyl Iodide	4.125	142	80834	49.372	ug/l	99
11) Tert butyl alcohol	4.997	59	24144	217.680	ug/l	98
12) 1,1-Dichloroethene	3.899	96	68907	49.256	ug/l	94
13) Acrolein	3.759	56	18312	213.980	ug/l	100
14) Allyl chloride	4.515	41	113929	53.170	ug/l	99
15) Acrylonitrile	5.198	53	92008	265.162	ug/l	99
16) Acetone	3.979	43	74301	203.116	ug/l	99
17) Carbon Disulfide	4.229	76	193323	50.788	ug/l	100
18) Methyl Acetate	4.509	43	85226	59.617	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	187883	52.196	ug/l	100
20) Methylene Chloride	4.753	84	93154	50.787	ug/l	98
21) trans-1,2-Dichloroethene	5.259	96	83694	52.456	ug/l	97
22) Diisopropyl ether	6.155	45	269547	55.604	ug/l	95
23) Vinyl Acetate	6.094	43	565570	246.681	ug/l	99
24) 1,1-Dichloroethane	6.057	63	156383	53.702	ug/l	99
25) 2-Butanone	7.021	43	114587	227.515	ug/l	96
26) 2,2-Dichloropropane	7.015	77	122315	48.133	ug/l	100
27) cis-1,2-Dichloroethene	7.021	96	98489	53.636	ug/l	99
28) Bromochloromethane	7.362	49	62716	54.414	ug/l	99
29) Tetrahydrofuran	7.380	42	74693	271.224	ug/l	98
30) Chloroform	7.539	83	159877	53.631	ug/l	99
31) Cyclohexane	7.813	56	121908	47.035	ug/l	97
32) 1,1,1-Trichloroethane	7.734	97	133349	50.960	ug/l	99
36) 1,1-Dichloropropene	7.947	75	115849	48.308	ug/l	99
37) Ethyl Acetate	7.106	43	50075	48.716	ug/l	99
38) Carbon Tetrachloride	7.929	117	112015	47.203	ug/l	98
39) Methylcyclohexane	9.209	83	132848	47.981	ug/l	98
40) Benzene	8.185	78	357233	51.190	ug/l	99

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41) Methacrylonitrile	7.344	41	27072	49.606	ug/l	92
42) 1,2-Dichloroethane	8.264	62	94182	51.729	ug/l	100
43) Isopropyl Acetate	8.301	43	98530	49.354	ug/l	99
44) Trichloroethene	8.965	130	88416	49.639	ug/l	100
45) 1,2-Dichloropropane	9.240	63	88943	50.809	ug/l	98
46) Dibromomethane	9.331	93	46241	51.132	ug/l	98
47) Bromodichloromethane	9.520	83	122050	51.205	ug/l	95
48) Methyl methacrylate	9.319	41	54882	49.464	ug/l	94
49) 1,4-Dioxane	9.325	88	9352	1065.457	ug/l	96
51) 4-Methyl-2-Pentanone	10.093	43	271511	255.253	ug/l	100
52) Toluene	10.270	92	216436	51.754	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	110932	51.040	ug/l	96
54) cis-1,3-Dichloropropene	9.953	75	134667	51.368	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	65189	50.523	ug/l	99
56) Ethyl methacrylate	10.532	69	59590	52.521	ug/l	98
57) 1,3-Dichloropropane	10.813	76	112201	51.196	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	180211	295.255	ug/l	98
59) 2-Hexanone	10.855	43	181502	228.836	ug/l	100
60) Dibromochloromethane	11.008	129	76034	50.940	ug/l	99
61) 1,2-Dibromoethane	11.111	107	59309	51.256	ug/l	99
64) Tetrachloroethene	10.746	164	69416	49.460	ug/l	98
65) Chlorobenzene	11.538	112	223955	50.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	84033	50.314	ug/l	99
67) Ethyl Benzene	11.611	91	412320	50.465	ug/l	100
68) m/p-Xylenes	11.721	106	307598	101.952	ug/l	99
69) o-Xylene	12.050	106	144254	52.117	ug/l	98
70) Styrene	12.062	104	212726	51.938	ug/l	100
71) Bromoform	12.227	173	41943	50.372	ug/l #	99
73) Isopropylbenzene	12.349	105	386121	51.435	ug/l	100
74) N-amyl acetate	12.160	43	79358	50.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	73657	49.100	ug/l	100
76) 1,2,3-Trichloropropane	12.654	75	52155m	48.947	ug/l	
77) Bromobenzene	12.629	156	82741	50.522	ug/l	98
78) n-propylbenzene	12.690	91	464315	51.050	ug/l	100
79) 2-Chlorotoluene	12.776	91	256810	51.027	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	308515	51.917	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	21497	47.379	ug/l	98
82) 4-Chlorotoluene	12.873	91	264438	51.216	ug/l	99
83) tert-Butylbenzene	13.093	119	265603	51.385	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	305369	52.114	ug/l	99
85) sec-Butylbenzene	13.270	105	388368	50.727	ug/l	100
86) p-Isopropyltoluene	13.385	119	323886	50.798	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	160464	50.137	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	155420	49.731	ug/l	99
89) n-Butylbenzene	13.715	91	313369	51.415	ug/l	100
90) Hexachloroethane	13.977	117	67104	50.544	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	139608	51.203	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9366	48.164	ug/l	95
93) 1,2,4-Trichlorobenzene	15.025	180	72473	50.093	ug/l	98
94) Hexachlorobutadiene	15.129	225	40245	48.976	ug/l	98
95) Naphthalene	15.257	128	140133	45.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	61358	49.797	ug/l	99

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

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