

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017088.D
 Acq On : 24 Jan 2024 11:49
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 04:21:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	138890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	229725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	198086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	88425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68458	50.589	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.180%			
35) Dibromofluoromethane	7.728	113	71706	51.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.440%			
50) Toluene-d8	10.191	98	275267	52.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.496	95	85561	53.037	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	48029	47.449	ug/l	96
3) Chloromethane	2.119	50	84970	48.191	ug/l	98
4) Vinyl Chloride	2.260	62	100554	50.253	ug/l	100
5) Bromomethane	2.662	94	72368	48.285	ug/l	100
6) Chloroethane	2.808	64	65609	49.790	ug/l	97
7) Trichlorofluoromethane	3.137	101	112257	49.065	ug/l	100
8) Diethyl Ether	3.546	74	36934	46.154	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	70358	45.289	ug/l	100
10) Methyl Iodide	4.107	142	74402	50.412	ug/l	97
11) Tert butyl alcohol	4.979	59	22113	220.643	ug/l	99
12) 1,1-Dichloroethene	3.887	96	65035	45.732	ug/l	94
13) Acrolein	3.741	56	38339	236.235	ug/l	99
14) Allyl chloride	4.497	41	101871	47.394	ug/l	100
15) Acrylonitrile	5.180	53	82756	238.280	ug/l	100
16) Acetone	3.960	43	81474	218.824	ug/l	98
17) Carbon Disulfide	4.216	76	198557	46.326	ug/l	100
18) Methyl Acetate	4.497	43	68650	49.452	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	165451	47.677	ug/l	100
20) Methylene Chloride	4.735	84	75925	50.520	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	77442	47.080	ug/l	97
22) Diisopropyl ether	6.137	45	230918	48.670	ug/l	96
23) Vinyl Acetate	6.076	43	551152	239.475	ug/l	100
24) 1,1-Dichloroethane	6.033	63	134450	46.459	ug/l	99
25) 2-Butanone	7.003	43	111799	219.871	ug/l	100
26) 2,2-Dichloropropane	6.997	77	114872	46.474	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	86571	47.493	ug/l	99
28) Bromochloromethane	7.350	49	63473	55.093	ug/l	98
29) Tetrahydrofuran	7.362	42	67422	245.708	ug/l	100
30) Chloroform	7.521	83	137287	46.589	ug/l	96
31) Cyclohexane	7.801	56	120360	50.143	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	117909	46.662	ug/l	100
36) 1,1-Dichloropropene	7.929	75	107551	47.146	ug/l	99
37) Ethyl Acetate	7.088	43	45120	45.999	ug/l	99
38) Carbon Tetrachloride	7.917	117	104488	46.740	ug/l	98
39) Methylcyclohexane	9.197	83	134268	48.936	ug/l	97
40) Benzene	8.173	78	317676	47.951	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	22701	43.273	ug/l	87
42) 1,2-Dichloroethane	8.246	62	81552	47.481	ug/l	100
43) Isopropyl Acetate	8.283	43	88976	48.590	ug/l	100
44) Trichloroethene	8.953	130	80081	47.129	ug/l	97
45) 1,2-Dichloropropane	9.228	63	78002	47.970	ug/l	98
46) Dibromomethane	9.319	93	40995	47.472	ug/l	99
47) Bromodichloromethane	9.508	83	106360	48.412	ug/l	97
48) Methyl methacrylate	9.307	41	50870	50.033	ug/l	99
49) 1,4-Dioxane	9.313	88	8212	966.878	ug/l	100
51) 4-Methyl-2-Pentanone	10.081	43	238438	244.780	ug/l	99
52) Toluene	10.258	92	195674	48.798	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	98402	49.030	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	120648	48.877	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	57697	47.804	ug/l	97
56) Ethyl methacrylate	10.520	69	53409	50.603	ug/l	98
57) 1,3-Dichloropropane	10.801	76	99537	48.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	202043	275.772	ug/l	100
59) 2-Hexanone	10.843	43	168783	227.120	ug/l	98
60) Dibromochloromethane	10.996	129	67105	47.856	ug/l	100
61) 1,2-Dibromoethane	11.099	107	52438	47.826	ug/l	100
64) Tetrachloroethene	10.734	164	64188	46.489	ug/l	98
65) Chlorobenzene	11.526	112	198160	47.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	73888	48.189	ug/l	99
67) Ethyl Benzene	11.605	91	372046	48.754	ug/l	100
68) m/p-Xylenes	11.715	106	278382	97.095	ug/l	99
69) o-Xylene	12.038	106	128958	49.516	ug/l	100
70) Styrene	12.057	104	191370	50.615	ug/l	99
71) Bromoform	12.221	173	36805	47.871	ug/l #	97
73) Isopropylbenzene	12.343	105	348660	47.964	ug/l	99
74) N-amyl acetate	12.154	43	71585	48.856	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	65297	47.107	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	52667m	31.508	ug/l	
77) Bromobenzene	12.624	156	74752	47.524	ug/l	98
78) n-propylbenzene	12.685	91	427508	48.896	ug/l	100
79) 2-Chlorotoluene	12.770	91	228822	47.692	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	279337	48.554	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	19135	46.155	ug/l	98
82) 4-Chlorotoluene	12.867	91	237718	47.806	ug/l	100
83) tert-Butylbenzene	13.087	119	243906	49.014	ug/l	100
84) 1,2,4-Trimethylbenzene	13.130	105	278673	48.736	ug/l	98
85) sec-Butylbenzene	13.264	105	363832	49.377	ug/l	99
86) p-Isopropyltoluene	13.380	119	304282	49.575	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	147680	47.555	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	144173	47.185	ug/l	100
89) n-Butylbenzene	13.709	91	294346	49.719	ug/l	99
90) Hexachloroethane	13.971	117	60606	47.375	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	124479	46.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8187	46.245	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	65951	47.588	ug/l	98
94) Hexachlorobutadiene	15.123	225	38732	46.437	ug/l	99
95) Naphthalene	15.251	128	119639	48.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	54585	47.342	ug/l	99

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

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