

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017168.D
 Acq On : 01 Feb 2024 14:47
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/02/2024
 Supervised By :Mahesh Dadoda 02/02/2024

Quant Time: Feb 02 00:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:27:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	131070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	194506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	60516	51.683	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.360%			
35) Dibromofluoromethane	7.728	113	62099	51.560	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.120%			
50) Toluene-d8	10.185	98	232794	53.087	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.180%			
62) 4-Bromofluorobenzene	12.489	95	74435	51.817	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42171	42.442	ug/l	94
3) Chloromethane	2.119	50	79853	44.737	ug/l	98
4) Vinyl Chloride	2.253	62	96830	44.516	ug/l	99
5) Bromomethane	2.655	94	65766	43.617	ug/l	95
6) Chloroethane	2.796	64	63907	45.502	ug/l	98
7) Trichlorofluoromethane	3.131	101	100576	44.966	ug/l	100
8) Diethyl Ether	3.533	74	33805	48.048	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	62302	45.951	ug/l	99
10) Methyl Iodide	4.100	142	69164	48.521	ug/l	99
11) Tert butyl alcohol	4.960	59	21913	220.397	ug/l	97
12) 1,1-Dichloroethene	3.875	96	58786	46.271	ug/l	94
13) Acrolein	3.734	56	22795	234.213	ug/l	98
14) Allyl chloride	4.484	41	91006	47.382	ug/l	99
15) Acrylonitrile	5.167	53	74659	235.684	ug/l	99
16) Acetone	3.948	43	74227	215.686	ug/l	100
17) Carbon Disulfide	4.204	76	188489	46.477	ug/l	100
18) Methyl Acetate	4.484	43	40083	52.210	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	146361	47.833	ug/l	100
20) Methylene Chloride	4.728	84	67621	47.823	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	68084	47.107	ug/l	98
22) Diisopropyl ether	6.124	45	204814	48.558	ug/l	97
23) Vinyl Acetate	6.069	43	610932	239.047	ug/l	100
24) 1,1-Dichloroethane	6.027	63	120677	46.704	ug/l	97
25) 2-Butanone	6.990	43	102012	222.979	ug/l	96
26) 2,2-Dichloropropane	6.990	77	100140	46.594	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	76274	47.185	ug/l	99
28) Bromochloromethane	7.344	49	52768	53.336	ug/l	98
29) Tetrahydrofuran	7.356	42	61416	237.643	ug/l	99
30) Chloroform	7.514	83	121834	46.872	ug/l	100
31) Cyclohexane	7.795	56	106720	45.219	ug/l	99
32) 1,1,1-Trichloroethane	7.709	97	105254	47.077	ug/l	100
36) 1,1-Dichloropropene	7.923	75	98530	47.426	ug/l	98
37) Ethyl Acetate	7.081	43	43897	45.556	ug/l	99
38) Carbon Tetrachloride	7.911	117	92570	46.538	ug/l	97
39) Methylcyclohexane	9.191	83	115991	47.790	ug/l	99
40) Benzene	8.167	78	277143	46.714	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20849m	45.668	ug/l	
42) 1,2-Dichloroethane	8.246	62	73566	46.833	ug/l	100
43) Isopropyl Acetate	8.276	43	79890	46.836	ug/l	100
44) Trichloroethene	8.947	130	71340	47.371	ug/l	97
45) 1,2-Dichloropropane	9.227	63	68765	47.188	ug/l	100
46) Dibromomethane	9.313	93	37087	47.114	ug/l	99
47) Bromodichloromethane	9.502	83	92134	46.768	ug/l	96
48) Methyl methacrylate	9.300	41	38180	47.720	ug/l	100
49) 1,4-Dioxane	9.307	88	8204	957.513	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	217901	238.311	ug/l	100
52) Toluene	10.252	92	171561	47.908	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	88287	47.711	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	105946	47.800	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	50897	47.523	ug/l	99
56) Ethyl methacrylate	10.520	69	64745	45.236	ug/l	100
57) 1,3-Dichloropropane	10.800	76	87633	47.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	169670	254.294	ug/l	100
59) 2-Hexanone	10.837	43	155669	235.443	ug/l	100
60) Dibromochloromethane	10.989	129	58741	46.752	ug/l	100
61) 1,2-Dibromoethane	11.099	107	46126	46.308	ug/l	99
64) Tetrachloroethene	10.727	164	57840	45.788	ug/l	98
65) Chlorobenzene	11.526	112	175293	46.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	63470	46.547	ug/l	99
67) Ethyl Benzene	11.599	91	324514	47.854	ug/l	99
68) m/p-Xylenes	11.709	106	246127	95.640	ug/l	99
69) o-Xylene	12.038	106	114277	48.221	ug/l	100
70) Styrene	12.050	104	191873	49.139	ug/l	99
71) Bromoform	12.215	173	33237	46.543	ug/l #	98
73) Isopropylbenzene	12.337	105	303296	48.096	ug/l	100
74) N-amyl acetate	12.154	43	68381	48.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.586	83	57861	46.650	ug/l	98
76) 1,2,3-Trichloropropane	12.641	75	35676m	42.199	ug/l	
77) Bromobenzene	12.617	156	65295	46.680	ug/l	98
78) n-propylbenzene	12.678	91	373981	48.286	ug/l	100
79) 2-Chlorotoluene	12.763	91	202090	47.461	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	241801	48.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	17977	47.147	ug/l	97
82) 4-Chlorotoluene	12.861	91	208593	47.599	ug/l	100
83) tert-Butylbenzene	13.080	119	208716	48.549	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	240463	48.574	ug/l	99
85) sec-Butylbenzene	13.263	105	324068	48.230	ug/l	99
86) p-Isopropyltoluene	13.379	119	259113	48.258	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	130138	46.637	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	124148	45.794	ug/l	99
89) n-Butylbenzene	13.702	91	247277	48.438	ug/l	100
90) Hexachloroethane	13.970	117	51278	46.520	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	111128	46.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7328	45.358	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	55239	46.815	ug/l	99
94) Hexachlorobutadiene	15.117	225	31113	44.770	ug/l	99
95) Naphthalene	15.245	128	102457	43.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	45394	45.234	ug/l	98

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

