

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017793.D
 Acq On : 29 Mar 2024 15:56
 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 04/01/2024
 Supervised By :Semsettin Yesilyurt 04/01/2024

Quant Time: Mar 30 05:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	265370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	357530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	171962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	105275	45.845	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.680%		
35) Dibromofluoromethane	7.716	113	112632	46.419	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.840%		
50) Toluene-d8	10.185	98	425762	46.974	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.940%		
62) 4-Bromofluorobenzene	12.489	95	126689	45.941	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72658	40.941	ug/l	99
3) Chloromethane	2.113	50	153763	44.392	ug/l	97
4) Vinyl Chloride	2.247	62	198962	43.953	ug/l	98
5) Bromomethane	2.650	94	153017	41.807	ug/l	99
6) Chloroethane	2.790	64	129922	43.990	ug/l	97
7) Trichlorofluoromethane	3.119	101	188621	42.728	ug/l	97
8) Diethyl Ether	3.521	74	57218	44.125	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	113989	43.057	ug/l	99
10) Methyl Iodide	4.088	142	137740	47.843	ug/l	99
11) Tert butyl alcohol	4.954	59	39618	233.822	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	108893	43.956	ug/l	96
13) Acrolein	3.723	56	36748	228.416	ug/l	95
14) Allyl chloride	4.479	41	135731	44.659	ug/l	99
15) Acrylonitrile	5.161	53	123019	224.747	ug/l	99
16) Acetone	3.942	43	108645	228.884	ug/l	94
17) Carbon Disulfide	4.192	76	332687	47.454	ug/l	99
18) Methyl Acetate	4.479	43	46034	43.784	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	252930	44.591	ug/l	100
20) Methylene Chloride	4.716	84	132195	45.192	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	119101	44.927	ug/l	99
22) Diisopropyl ether	6.118	45	314166	44.723	ug/l	98
23) Vinyl Acetate	6.057	43	971727	226.566	ug/l	98
24) 1,1-Dichloroethane	6.015	63	203843	43.721	ug/l	98
25) 2-Butanone	6.984	43	152142	224.994	ug/l	94
26) 2,2-Dichloropropane	6.984	77	170856	42.428	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	139116	44.403	ug/l	96
28) Bromochloromethane	7.332	49	98856	52.138	ug/l	95
29) Tetrahydrofuran	7.350	42	91416	225.305	ug/l	99
30) Chloroform	7.508	83	210385	43.490	ug/l	98
31) Cyclohexane	7.789	56	173680	42.933	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	177951	43.220	ug/l	96
36) 1,1-Dichloropropene	7.917	75	158526	44.777	ug/l	97
37) Ethyl Acetate	7.076	43	66209	43.336	ug/l	99
38) Carbon Tetrachloride	7.905	117	160416	43.647	ug/l	97
39) Methylcyclohexane	9.191	83	201125	45.480	ug/l	98
40) Benzene	8.161	78	478173	43.827	ug/l	100

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41) Methacrylonitrile	7.332	41	42381m	48.556	ug/l	
42) 1,2-Dichloroethane	8.240	62	118185	44.009	ug/l	99
43) Isopropyl Acetate	8.277	43	120888	43.600	ug/l	98
44) Trichloroethene	8.941	130	124624	43.903	ug/l	95
45) 1,2-Dichloropropane	9.222	63	110804	43.705	ug/l	99
46) Dibromomethane	9.307	93	63567	44.132	ug/l	98
47) Bromodichloromethane	9.502	83	158989	43.684	ug/l	98
48) Methyl methacrylate	9.295	41	55734	47.742	ug/l	99
49) 1,4-Dioxane	9.301	88	14679	907.804	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	330646	242.151	ug/l	100
52) Toluene	10.246	92	292266	44.162	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	142621	44.134	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	173883	44.088	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	82231	42.845	ug/l	93
56) Ethyl methacrylate	10.514	69	114002	48.667	ug/l	99
57) 1,3-Dichloropropane	10.794	76	141669	43.643	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	330951	273.084	ug/l	98
59) 2-Hexanone	10.837	43	236286	243.113	ug/l	98
60) Dibromochloromethane	10.990	129	104830	43.306	ug/l	99
61) 1,2-Dibromoethane	11.093	107	77136	44.076	ug/l	99
64) Tetrachloroethene	10.727	164	137310	44.032	ug/l	99
65) Chlorobenzene	11.520	112	320319	43.675	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	108122	43.418	ug/l	98
67) Ethyl Benzene	11.599	91	558035	44.261	ug/l	98
68) m/p-Xylenes	11.709	106	425508	88.991	ug/l	99
69) o-Xylene	12.032	106	197044	49.831	ug/l	99
70) Styrene	12.050	104	340797	49.985	ug/l	99
71) Bromoform	12.215	173	60262	43.656	ug/l #	98
73) Isopropylbenzene	12.337	105	516731	42.878	ug/l	100
74) N-amyl acetate	12.148	43	109431	48.425	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	87803	42.119	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	68800m	43.846	ug/l	
77) Bromobenzene	12.617	156	119632	41.681	ug/l	98
78) n-propylbenzene	12.678	91	638956	43.452	ug/l	99
79) 2-Chlorotoluene	12.764	91	346025	42.960	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	408765	43.463	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	31278	47.004	ug/l	97
82) 4-Chlorotoluene	12.861	91	359860	43.147	ug/l	100
83) tert-Butylbenzene	13.081	119	363620	42.525	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	405240	43.263	ug/l	100
85) sec-Butylbenzene	13.257	105	555967	43.321	ug/l	100
86) p-Isopropyltoluene	13.373	119	459894	42.871	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	236052	41.448	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	229511	42.103	ug/l	99
89) n-Butylbenzene	13.702	91	433049	43.877	ug/l	99
90) Hexachloroethane	13.965	117	88939	41.695	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	204846	43.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11983	42.538	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	116010	44.866	ug/l	98
94) Hexachlorobutadiene	15.117	225	66695	42.549	ug/l	98
95) Naphthalene	15.245	128	200041	47.876	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	97977	44.858	ug/l	99

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

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