

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111724\
 Data File : VY020317.D
 Acq On : 17 Nov 2024 11:45
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 18 01:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111724S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 18 01:33:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/18/2024
 Supervised By :Semsettin Yesilyurt 11/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	321949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	489245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	368661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	157237	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	17332	4.892	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.780%#		
35) Dibromofluoromethane	7.646	113	20346	5.958	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.920%#		
50) Toluene-d8	10.109	98	68181	5.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	11.060%#		
62) 4-Bromofluorobenzene	12.408	95	20654	5.515	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	11.040%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	12763	5.240	ug/l	92
3) Chloromethane	2.074	50	22942	5.473	ug/l	99
4) Vinyl Chloride	2.208	62	25569	5.525	ug/l	95
5) Bromomethane	2.605	94	16603	5.923	ug/l	83
6) Chloroethane	2.739	64	16335	5.620	ug/l	95
7) Trichlorofluoromethane	3.062	101	32283	5.088	ug/l	95
8) Diethyl Ether	3.464	74	7575	4.876	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	16415	5.301	ug/l	97
10) Methyl Iodide	4.013	142	14631	4.640	ug/l	94
11) Tert butyl alcohol	4.866	59	4121	21.477	ug/l #	93
12) 1,1-Dichloroethene	3.799	96	15765	5.206	ug/l	95
13) Acrolein	3.659	56	8513	27.010	ug/l	100
14) Allyl chloride	4.391	41	24908	4.691	ug/l	93
15) Acrylonitrile	5.074	53	15311	21.903	ug/l	95
16) Acetone	3.879	43	18827	22.906	ug/l	95
17) Carbon Disulfide	4.116	76	47380	4.964	ug/l	97
18) Methyl Acetate	4.397	43	7906	4.708	ug/l #	79
19) Methyl tert-butyl Ether	5.122	73	36483	4.698	ug/l	98
20) Methylene Chloride	4.629	84	17721	5.252	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	16662	4.879	ug/l	95
22) Diisopropyl ether	6.031	45	63432	5.228	ug/l	97
23) Vinyl Acetate	5.970	43	163684	23.767	ug/l	98
24) 1,1-Dichloroethane	5.927	63	38696	5.397	ug/l	98
25) 2-Butanone	6.903	43	24714	20.914	ug/l	97
26) 2,2-Dichloropropane	6.890	77	29514	4.915	ug/l	94
27) cis-1,2-Dichloroethene	6.903	96	20450	4.796	ug/l	96
28) Bromochloromethane	7.250	49	16584	4.983	ug/l	98
29) Tetrahydrofuran	7.268	42	15817	21.965	ug/l	99
30) Chloroform	7.433	83	36253	4.594	ug/l	94
31) Cyclohexane	7.707	56	45326	6.304	ug/l #	77
32) 1,1,1-Trichloroethane	7.622	97	38887	5.522	ug/l	97
36) 1,1-Dichloropropene	7.841	75	25289	4.905	ug/l	99
37) Ethyl Acetate	6.994	43	11169	4.625	ug/l #	78
38) Carbon Tetrachloride	7.823	117	29512	5.315	ug/l	96
39) Methylcyclohexane	9.116	83	43730	6.528	ug/l	95
40) Benzene	8.085	78	75199	5.211	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	6998	5.091	ug/l	97
42) 1,2-Dichloroethane	8.165	62	19196	4.955	ug/l	94
43) Isopropyl Acetate	8.201	43	20278	4.759	ug/l	99
44) Trichloroethene	8.872	130	23340	6.538	ug/l	87
45) 1,2-Dichloropropane	9.146	63	23526	6.652	ug/l	99
46) Dibromomethane	9.237	93	12228	6.492	ug/l	98
47) Bromodichloromethane	9.426	83	32435	6.136	ug/l	100
48) Methyl methacrylate	9.225	41	13377	6.258	ug/l	96
49) 1,4-Dioxane	9.237	88	2125	109.227	ug/l #	61
51) 4-Methyl-2-Pentanone	10.000	43	64231	26.683	ug/l	99
52) Toluene	10.176	92	45931	5.115	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	22337	4.489	ug/l	91
54) cis-1,3-Dichloropropene	9.859	75	32796	5.951	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	12997	4.845	ug/l	94
56) Ethyl methacrylate	10.445	69	15763	4.111	ug/l	91
57) 1,3-Dichloropropane	10.719	76	21078	4.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	50849	32.504	ug/l	99
59) 2-Hexanone	10.762	43	33652	18.280	ug/l	99
60) Dibromochloromethane	10.920	129	15180	4.590	ug/l	95
61) 1,2-Dibromoethane	11.018	107	10487	4.638	ug/l	97
64) Tetrachloroethene	10.646	164	16440	5.346	ug/l	91
65) Chlorobenzene	11.444	112	44977	5.511	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	14352	5.388	ug/l	95
67) Ethyl Benzene	11.524	91	82889	5.512	ug/l	98
68) m/p-Xylenes	11.633	106	61090	11.197	ug/l	98
69) o-Xylene	11.957	106	27829	5.417	ug/l	98
70) Styrene	11.975	104	44947	5.165	ug/l	99
71) Bromoform	12.139	173	7166	5.186	ug/l #	98
73) Isopropylbenzene	12.261	105	75898	5.376	ug/l	98
74) N-amyl acetate	12.072	43	14867	4.216	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	12444	5.367	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	10295m	5.782	ug/l	
77) Bromobenzene	12.536	156	15929	5.539	ug/l	99
78) n-propylbenzene	12.597	91	93143	5.461	ug/l	99
79) 2-Chlorotoluene	12.682	91	53881	5.541	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	60741	5.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	3791	5.062	ug/l	94
82) 4-Chlorotoluene	12.780	91	51925	5.184	ug/l	96
83) tert-Butylbenzene	12.999	119	54254	5.201	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	59034	5.254	ug/l	100
85) sec-Butylbenzene	13.182	105	79029	5.337	ug/l	97
86) p-Isopropyltoluene	13.298	119	61751	5.260	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	31747	5.609	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	30261	5.355	ug/l	93
89) n-Butylbenzene	13.621	91	61965	4.966	ug/l	100
90) Hexachloroethane	13.883	117	13173	5.390	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	27827	5.328	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1893	5.345	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	14955	5.300	ug/l	99
94) Hexachlorobutadiene	15.029	225	9970	6.568	ug/l	97
95) Naphthalene	15.151	128	20257	4.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	10774	4.724	ug/l	98

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

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