

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020707.D
 Acq On : 26 Dec 2024 09:53
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 26 16:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:03:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	113806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	160513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	134187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	67536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	9148	9.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.620%#		
35) Dibromofluoromethane	7.646	113	8811	9.966	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.940%#		
50) Toluene-d8	10.115	98	28333	9.506	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.020%#		
62) 4-Bromofluorobenzene	12.413	95	12144	10.336	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	20.680%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	10304	11.503	ug/l	90
3) Chloromethane	2.080	50	3515	10.521	ug/l	97
4) Vinyl Chloride	2.214	62	4449	10.748	ug/l	97
5) Bromomethane	2.610	94	3397	10.870	ug/l	93
6) Chloroethane	2.751	64	2641	10.636	ug/l	90
7) Trichlorofluoromethane	3.074	101	17447	10.961	ug/l	95
8) Diethyl Ether	3.464	74	3903	10.304	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.830	101	9745	11.152	ug/l	99
10) Methyl Iodide	4.019	142	9549	9.993	ug/l	100
11) Tert butyl alcohol	4.872	59	3641	45.628	ug/l	99
12) 1,1-Dichloroethene	3.811	96	8169	10.503	ug/l	90
13) Acrolein	3.677	56	1325	67.996	ug/l	90
14) Allyl chloride	4.403	41	9677	10.632	ug/l	94
15) Acrylonitrile	5.079	53	7720	52.760	ug/l	94
16) Acetone	3.891	43	7777	65.764	ug/l	90
17) Carbon Disulfide	4.122	76	19437	10.187	ug/l	99
18) Methyl Acetate	4.397	43	3518	10.992	ug/l	95
19) Methyl tert-butyl Ether	5.134	73	22860	10.545	ug/l	97
20) Methylene Chloride	4.640	84	8316	10.812	ug/l #	88
21) trans-1,2-Dichloroethene	5.134	96	8600	10.261	ug/l	98
22) Diisopropyl ether	6.030	45	20110	10.869	ug/l	93
23) Vinyl Acetate	5.976	43	56669	51.276	ug/l	98
24) 1,1-Dichloroethane	5.939	63	15035	10.838	ug/l #	95
25) 2-Butanone	6.914	43	7858	49.191	ug/l	93
26) 2,2-Dichloropropane	6.902	77	18453	10.868	ug/l	96
27) cis-1,2-Dichloroethene	6.908	96	10464	10.425	ug/l	98
28) Bromochloromethane	7.262	49	3437	9.369	ug/l #	92
29) Tetrahydrofuran	7.274	42	5125	52.267	ug/l	99
30) Chloroform	7.433	83	18692	10.474	ug/l	88
31) Cyclohexane	7.719	56	13258	11.072	ug/l #	92
32) 1,1,1-Trichloroethane	7.634	97	20406	10.668	ug/l	98
36) 1,1-Dichloropropene	7.847	75	12601	10.790	ug/l	98
37) Ethyl Acetate	6.994	43	3547	9.217	ug/l	100
38) Carbon Tetrachloride	7.829	117	20683	10.755	ug/l	94
39) Methylcyclohexane	9.115	83	15497	10.353	ug/l	95
40) Benzene	8.091	78	35447	10.473	ug/l	98

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	1876	9.650	ug/l #	68
42) 1,2-Dichloroethane	8.170	62	11313	10.424	ug/l	99
43) Isopropyl Acetate	8.207	43	7905	9.664	ug/l #	87
44) Trichloroethene	8.878	130	10790	10.673	ug/l	96
45) 1,2-Dichloropropane	9.146	63	7377	10.767	ug/l	91
46) Dibromomethane	9.237	93	4900	10.336	ug/l	94
47) Bromodichloromethane	9.432	83	14245	10.599	ug/l	98
48) Methyl methacrylate	9.231	41	3827	10.018	ug/l	94
49) 1,4-Dioxane	9.243	88	924	204.624	ug/l	90
51) 4-Methyl-2-Pentanone	10.005	43	19722	49.951	ug/l	99
52) Toluene	10.176	92	24111	10.393	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	11736	9.942	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	13095	10.121	ug/l	97
55) 1,1,2-Trichloroethane	10.578	97	5992	9.902	ug/l	94
56) Ethyl methacrylate	10.444	69	7986	10.046	ug/l	96
57) 1,3-Dichloropropane	10.725	76	9956	10.137	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.719	63	12740	45.957	ug/l	97
59) 2-Hexanone	10.767	43	12416	47.628	ug/l	100
60) Dibromochloromethane	10.920	129	10320	10.554	ug/l	96
61) 1,2-Dibromoethane	11.023	107	5732	10.067	ug/l	97
64) Tetrachloroethene	10.658	164	9654	10.530	ug/l	93
65) Chlorobenzene	11.450	112	28012	10.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	10891	10.699	ug/l	99
67) Ethyl Benzene	11.529	91	48565	10.575	ug/l	97
68) m/p-Xylenes	11.639	106	37110	21.184	ug/l	99
69) o-Xylene	11.962	106	17878	10.682	ug/l	99
70) Styrene	11.975	104	28883	10.280	ug/l	99
71) Bromoform	12.133	173	6103	10.428	ug/l #	98
73) Isopropylbenzene	12.261	105	51343	10.973	ug/l	99
74) N-amyl acetate	12.078	43	6525	9.813	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	5918	9.866	ug/l	94
76) 1,2,3-Trichloropropane	12.566	75	3057m	5.738	ug/l	
77) Bromobenzene	12.541	156	11164	10.365	ug/l	94
78) n-propylbenzene	12.602	91	57154	10.898	ug/l	100
79) 2-Chlorotoluene	12.688	91	32123	10.745	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	41891	10.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	2060	9.480	ug/l	92
82) 4-Chlorotoluene	12.785	91	32918	10.654	ug/l	100
83) tert-Butylbenzene	13.005	119	39005	10.714	ug/l	100
84) 1,2,4-Trimethylbenzene	13.054	105	39791	10.489	ug/l	96
85) sec-Butylbenzene	13.182	105	52410	10.682	ug/l	97
86) p-Isopropyltoluene	13.297	119	47106	10.773	ug/l	99
87) 1,3-Dichlorobenzene	13.297	146	22556	10.715	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	21947	10.480	ug/l	96
89) n-Butylbenzene	13.627	91	39091	10.710	ug/l	99
90) Hexachloroethane	13.889	117	8880	10.680	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	18554	10.279	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.285	75	1198	10.298	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	11153	9.721	ug/l	97
94) Hexachlorobutadiene	15.035	225	8808	10.534	ug/l	98
95) Naphthalene	15.151	128	16857	9.174	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	9155	9.584	ug/l	98

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

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