

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020685.D
 Acq On : 23 Dec 2024 11:53
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 13:46:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 13:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	111827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	159520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	130271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	64596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	9094	9.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.360%#		
35) Dibromofluoromethane	7.652	113	9131	9.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.500%#		
50) Toluene-d8	10.115	98	28423	8.355	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	16.700%#		
62) 4-Bromofluorobenzene	12.414	95	11910	9.618	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	19.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	8756	10.163	ug/l	99
3) Chloromethane	2.080	50	3683	10.493	ug/l	97
4) Vinyl Chloride	2.214	62	4383	10.243	ug/l	98
5) Bromomethane	2.611	94	2968	9.822	ug/l	84
6) Chloroethane	2.757	64	2564	9.859	ug/l	90
7) Trichlorofluoromethane	3.080	101	15364	9.984	ug/l	93
8) Diethyl Ether	3.470	74	3371	9.152	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.836	101	8635	10.276	ug/l	94
10) Methyl Iodide	4.031	142	9233	9.538	ug/l	88
11) Tert butyl alcohol	4.879	59	4578m	57.742	ug/l	
12) 1,1-Dichloroethene	3.812	96	7632	10.233	ug/l	84
13) Acrolein	3.671	56	1436	44.170	ug/l	98
14) Allyl chloride	4.403	41	8329	9.524	ug/l #	74
15) Acrylonitrile	5.092	53	6244	45.990	ug/l #	81
16) Acetone	3.891	43	5438	48.071	ug/l	98
17) Carbon Disulfide	4.135	76	17169	9.234	ug/l	99
18) Methyl Acetate	4.409	43	2692	9.198	ug/l	92
19) Methyl tert-butyl Ether	5.135	73	19446	9.586	ug/l #	90
20) Methylene Chloride	4.641	84	7734	10.260	ug/l #	80
21) trans-1,2-Dichloroethene	5.135	96	7832	9.739	ug/l	87
22) Diisopropyl ether	6.037	45	18172	10.164	ug/l #	87
23) Vinyl Acetate	5.982	43	50811	47.993	ug/l #	85
24) 1,1-Dichloroethane	5.939	63	13038	9.782	ug/l	98
25) 2-Butanone	6.915	43	7804	49.109	ug/l #	78
26) 2,2-Dichloropropane	6.909	77	17187	10.307	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	9288	9.697	ug/l	95
28) Bromochloromethane	7.268	49	2654	9.717	ug/l #	62
29) Tetrahydrofuran	7.281	42	4413	47.247	ug/l #	75
30) Chloroform	7.439	83	17873	10.202	ug/l	97
31) Cyclohexane	7.713	56	12456	10.659	ug/l #	79
32) 1,1,1-Trichloroethane	7.634	97	18665	10.198	ug/l	96
36) 1,1-Dichloropropene	7.848	75	11409	10.021	ug/l	98
37) Ethyl Acetate	7.000	43	3786m	10.175	ug/l	
38) Carbon Tetrachloride	7.829	117	18663	10.130	ug/l	96
39) Methylcyclohexane	9.116	83	14158	9.783	ug/l	94
40) Benzene	8.097	78	32524	9.902	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	1825m	8.666	ug/l	
42) 1,2-Dichloroethane	8.171	62	10330	9.889	ug/l	96
43) Isopropyl Acetate	8.207	43	6937	8.970	ug/l #	91
44) Trichloroethene	8.872	130	9764	10.017	ug/l	88
45) 1,2-Dichloropropane	9.152	63	6287	9.742	ug/l	93
46) Dibromomethane	9.238	93	4188	9.400	ug/l	92
47) Bromodichloromethane	9.439	83	12253	9.696	ug/l #	90
48) Methyl methacrylate	9.231	41	3454	9.422	ug/l #	86
49) 1,4-Dioxane	9.238	88	735	168.248	ug/l #	70
51) 4-Methyl-2-Pentanone	10.012	43	17723	45.877	ug/l	93
52) Toluene	10.182	92	21930	9.805	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	10315	9.224	ug/l	95
54) cis-1,3-Dichloropropene	9.865	75	11785	9.564	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	5597	9.703	ug/l	91
56) Ethyl methacrylate	10.445	69	6394	8.689	ug/l #	86
57) 1,3-Dichloropropane	10.725	76	9135	9.688	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	11423	41.542	ug/l #	82
59) 2-Hexanone	10.768	43	10688	43.435	ug/l	97
60) Dibromochloromethane	10.920	129	8643	9.384	ug/l	99
61) 1,2-Dibromoethane	11.024	107	5475	10.124	ug/l	91
64) Tetrachloroethene	10.658	164	8830	10.206	ug/l	96
65) Chlorobenzene	11.451	112	24287	9.977	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	9578	10.075	ug/l	94
67) Ethyl Benzene	11.530	91	44246	10.131	ug/l	98
68) m/p-Xylenes	11.640	106	33608	20.179	ug/l	99
69) o-Xylene	11.963	106	15881	10.151	ug/l	100
70) Styrene	11.981	104	26723	10.155	ug/l	99
71) Bromoform	12.139	173	5082	9.333	ug/l #	99
73) Isopropylbenzene	12.261	105	44119	10.041	ug/l	98
74) N-amyl acetate	12.078	43	5311	8.602	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	5736	10.145	ug/l	96
76) 1,2,3-Trichloropropane	12.566	75	4800m	11.337	ug/l	
77) Bromobenzene	12.542	156	10068	10.063	ug/l	82
78) n-propylbenzene	12.603	91	50644	10.224	ug/l	95
79) 2-Chlorotoluene	12.688	91	28781	10.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	36685	10.066	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.316	75	1974	9.632	ug/l	93
82) 4-Chlorotoluene	12.786	91	28608	9.947	ug/l	95
83) tert-Butylbenzene	13.005	119	33707	9.940	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	35512	9.975	ug/l	97
85) sec-Butylbenzene	13.182	105	45121	9.882	ug/l	97
86) p-Isopropyltoluene	13.298	119	38967	9.762	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	19361	9.961	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	19190	10.077	ug/l	94
89) n-Butylbenzene	13.627	91	32356	9.622	ug/l	96
90) Hexachloroethane	13.889	117	7462	9.854	ug/l	87
91) 1,2-Dichlorobenzene	13.670	146	16674	9.996	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.285	75	1036	9.616	ug/l	92
93) 1,2,4-Trichlorobenzene	14.932	180	8620	8.704	ug/l	99
94) Hexachlorobutadiene	15.029	225	6847	9.286	ug/l	98
95) Naphthalene	15.157	128	12784	9.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	7047	8.512	ug/l	98

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

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