

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103024\
 Data File : VY020076.D
 Acq On : 30 Oct 2024 13:02
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 30 13:53:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:49:45 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Mahesh Dadoda 11/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	251996	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	459666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	392589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	179302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	33105	10.669	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	21.340%#	
35) Dibromofluoromethane	7.640	113	29145	9.608	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	19.220%#	
50) Toluene-d8	10.109	98	114968	10.264	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	20.520%#	
62) 4-Bromofluorobenzene	12.408	95	36997	9.141	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	18.280%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	24596	10.485	ug/l	95
3) Chloromethane	2.074	50	42089	13.785	ug/l	100
4) Vinyl Chloride	2.214	62	44064	13.115	ug/l	91
5) Bromomethane	2.605	94	28921	13.599	ug/l	96
6) Chloroethane	2.745	64	27962	12.388	ug/l	96
7) Trichlorofluoromethane	3.068	101	51307	10.263	ug/l	99
8) Diethyl Ether	3.470	74	14130	9.300	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.824	101	29440	10.124	ug/l	91
10) Methyl Iodide	4.013	142	27256	9.267	ug/l	91
11) Tert butyl alcohol	4.860	59	14113	48.551	ug/l	# 96
12) 1,1-Dichloroethene	3.799	96	29134	10.777	ug/l	# 71
13) Acrolein	3.659	56	15099	66.225	ug/l	98
14) Allyl chloride	4.397	41	47964	9.833	ug/l	# 86
15) Acrylonitrile	5.061	53	32586	46.888	ug/l	96
16) Acetone	3.873	43	34866	43.166	ug/l	# 85
17) Carbon Disulfide	4.116	76	92481	12.763	ug/l	98
18) Methyl Acetate	4.391	43	17993	10.341	ug/l	# 88
19) Methyl tert-butyl Ether	5.122	73	67742	8.722	ug/l	99
20) Methylene Chloride	4.622	84	36061	11.062	ug/l	# 71
21) trans-1,2-Dichloroethene	5.128	96	31130	10.580	ug/l	86
22) Diisopropyl ether	6.025	45	100421	9.452	ug/l	# 87
23) Vinyl Acetate	5.970	43	280142	45.993	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	60946	10.319	ug/l	97
25) 2-Butanone	6.903	43	49695	45.965	ug/l	# 83
26) 2,2-Dichloropropane	6.896	77	48779	9.274	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	35967	9.892	ug/l	84
28) Bromochloromethane	7.250	49	28309	10.890	ug/l	# 69
29) Tetrahydrofuran	7.268	42	28574	46.288	ug/l	# 83
30) Chloroform	7.427	83	58988	9.798	ug/l	91
31) Cyclohexane	7.707	56	60768	11.721	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	51697	9.798	ug/l	# 93
36) 1,1-Dichloropropene	7.841	75	45929	10.510	ug/l	93
37) Ethyl Acetate	6.994	43	20808	9.132	ug/l	# 76
38) Carbon Tetrachloride	7.823	117	45138	9.635	ug/l	98
39) Methylcyclohexane	9.109	83	55314	10.046	ug/l	# 83
40) Benzene	8.085	78	129152	9.765	ug/l	98

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41) Methacrylonitrile	7.226	41	10582	8.580	ug/l	88
42) 1,2-Dichloroethane	8.158	62	35990	9.472	ug/l	94
43) Isopropyl Acetate	8.201	43	40461	8.707	ug/l #	74
44) Trichloroethene	8.866	130	30471	9.513	ug/l	88
45) 1,2-Dichloropropane	9.140	63	30442	9.196	ug/l	96
46) Dibromomethane	9.237	93	17004	9.402	ug/l #	86
47) Bromodichloromethane	9.426	83	43762	9.116	ug/l	100
48) Methyl methacrylate	9.225	41	18005	8.808	ug/l #	82
49) 1,4-Dioxane	9.231	88	3385	167.225	ug/l #	87
51) 4-Methyl-2-Pentanone	10.000	43	102653	43.307	ug/l	88
52) Toluene	10.170	92	78956	9.564	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	36749	8.508	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	44596	8.750	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	20698	8.686	ug/l #	86
56) Ethyl methacrylate	10.438	69	27776	8.124	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	37808	9.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	71463	44.897	ug/l	89
59) 2-Hexanone	10.762	43	74139	43.792	ug/l	84
60) Dibromochloromethane	10.908	129	25833	8.447	ug/l	99
61) 1,2-Dibromoethane	11.012	107	19661	9.131	ug/l	96
64) Tetrachloroethene	10.646	164	24830	8.892	ug/l	94
65) Chlorobenzene	11.438	112	81961	9.128	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	26081	8.585	ug/l	98
67) Ethyl Benzene	11.518	91	151863	9.310	ug/l	98
68) m/p-Xylenes	11.627	106	108757	18.053	ug/l	88
69) o-Xylene	11.950	106	51950	8.975	ug/l	92
70) Styrene	11.969	104	84784	8.682	ug/l	95
71) Bromoform	12.133	173	12719	7.820	ug/l #	96
73) Isopropylbenzene	12.255	105	137315	9.105	ug/l	98
74) N-ethyl acetate	12.072	43	32525	8.142	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	25336	9.454	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	20202m	5.751	ug/l	
77) Bromobenzene	12.530	156	27286	8.526	ug/l	78
78) n-propylbenzene	12.591	91	173883	9.542	ug/l	95
79) 2-Chlorotoluene	12.676	91	97009	9.285	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	108479	8.906	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	7513	8.634	ug/l #	81
82) 4-Chlorotoluene	12.773	91	96899	9.071	ug/l	97
83) tert-Butylbenzene	12.993	119	94080	8.622	ug/l	92
84) 1,2,4-Trimethylbenzene	13.042	105	108470	8.983	ug/l	97
85) sec-Butylbenzene	13.176	105	149192	9.152	ug/l	97
86) p-Isopropyltoluene	13.292	119	116689	8.815	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	54535	8.438	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	57513	9.058	ug/l	93
89) n-Butylbenzene	13.615	91	115297	8.920	ug/l	98
90) Hexachloroethane	13.877	117	23812	9.238	ug/l	78
91) 1,2-Dichlorobenzene	13.657	146	49631	8.740	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.267	75	3723	8.705	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	25388	7.973	ug/l	94
94) Hexachlorobutadiene	15.023	225	13955	7.883	ug/l	96
95) Naphthalene	15.145	128	43361	7.220	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	21730	8.073	ug/l	97

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

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