

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020198.D
 Acq On : 07 Nov 2024 11:50
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Quant Time: Nov 08 00:25:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/08/2024
 Supervised By :Semsettin Yesilyurt 11/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	202685	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	361864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	315230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	144996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133725	52.863	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	105.720%	
35) Dibromofluoromethane	7.634	113	121035	52.608	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.220%	
50) Toluene-d8	10.109	98	475219	51.891	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	103.780%	
62) 4-Bromofluorobenzene	12.408	95	155407	52.244	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	104.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	34735	18.513	ug/l	97
3) Chloromethane	2.068	50	64586	20.782	ug/l	99
4) Vinyl Chloride	2.202	62	71243	21.354	ug/l	96
5) Bromomethane	2.592	94	49246	22.233	ug/l	96
6) Chloroethane	2.739	64	49196	22.848	ug/l	95
7) Trichlorofluoromethane	3.056	101	89161	21.876	ug/l	96
8) Diethyl Ether	3.458	74	23671	20.823	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.818	101	49116	21.485	ug/l	91
10) Methyl Iodide	4.007	142	41275	18.701	ug/l #	89
11) Tert butyl alcohol	4.860	59	20451	112.394	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	46163	21.106	ug/l	83
13) Acrolein	3.653	56	18892	83.405	ug/l	97
14) Allyl chloride	4.385	41	80521	20.405	ug/l #	88
15) Acrylonitrile	5.061	53	57158	110.462	ug/l #	90
16) Acetone	3.879	43	60391	102.657	ug/l #	84
17) Carbon Disulfide	4.104	76	142287	19.548	ug/l	99
18) Methyl Acetate	4.385	43	30893	22.382	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	118190	21.479	ug/l	100
20) Methylene Chloride	4.616	84	53602	20.283	ug/l #	80
21) trans-1,2-Dichloroethene	5.122	96	51906	21.043	ug/l	95
22) Diisopropyl ether	6.019	45	181719	22.191	ug/l #	88
23) Vinyl Acetate	5.964	43	489510	106.218	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	99936	21.076	ug/l	96
25) 2-Butanone	6.902	43	85641	107.395	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	81671	20.701	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	59500	20.983	ug/l	83
28) Bromochloromethane	7.244	49	46048	20.739	ug/l #	69
29) Tetrahydrofuran	7.262	42	50603	109.958	ug/l #	82
30) Chloroform	7.421	83	101221	21.512	ug/l	99
31) Cyclohexane	7.701	56	91946	20.029	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	87992	21.419	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	74433	20.943	ug/l	93
37) Ethyl Acetate	6.982	43	36166	21.344	ug/l	95
38) Carbon Tetrachloride	7.817	117	76235	21.331	ug/l	98
39) Methylcyclohexane	9.109	83	89720	19.890	ug/l #	82
40) Benzene	8.079	78	218180	21.032	ug/l	98

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41) Methacrylonitrile	7.220	41	14579	17.176	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	62865	21.893	ug/l	94
43) Isopropyl Acetate	8.195	43	68248	20.945	ug/l #	78
44) Trichloroethene	8.866	130	50032	20.809	ug/l	82
45) 1,2-Dichloropropane	9.140	63	53754	21.658	ug/l	97
46) Dibromomethane	9.231	93	30019	22.322	ug/l #	86
47) Bromodichloromethane	9.420	83	73682	20.914	ug/l	97
48) Methyl methacrylate	9.219	41	32826	21.749	ug/l #	79
49) 1,4-Dioxane	9.237	88	6446	465.560	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	181858	108.316	ug/l	89
52) Toluene	10.170	92	136852	21.401	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	64362	20.688	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	79261	21.345	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	38486	23.017	ug/l	95
56) Ethyl methacrylate	10.438	69	49714	20.727	ug/l #	68
57) 1,3-Dichloropropane	10.713	76	65962	21.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	120207	101.622	ug/l	92
59) 2-Hexanone	10.762	43	128919	107.104	ug/l	86
60) Dibromochloromethane	10.908	129	45911	21.540	ug/l	97
61) 1,2-Dibromoethane	11.018	107	33292	21.430	ug/l	98
64) Tetrachloroethene	10.646	164	43798	21.043	ug/l	92
65) Chlorobenzene	11.444	112	140859	20.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	45653	21.274	ug/l	98
67) Ethyl Benzene	11.518	91	259439	20.663	ug/l	100
68) m/p-Xylenes	11.627	106	193351	42.090	ug/l	92
69) o-Xylene	11.956	106	91553	21.051	ug/l	93
70) Styrene	11.969	104	154094	21.429	ug/l	96
71) Bromoform	12.133	173	23941	21.746	ug/l #	100
73) Isopropylbenzene	12.255	105	245671	21.209	ug/l	97
74) N-amyl acetate	12.072	43	61069	21.091	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	42830	21.143	ug/l	94
76) 1,2,3-Trichloropropane	12.554	75	31432m	23.126	ug/l	
77) Bromobenzene	12.536	156	50476	21.547	ug/l	81
78) n-propylbenzene	12.597	91	306102	21.234	ug/l	96
79) 2-Chlorotoluene	12.682	91	172728	21.586	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	196848	21.168	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	13513	21.385	ug/l #	82
82) 4-Chlorotoluene	12.780	91	174374	21.372	ug/l	96
83) tert-Butylbenzene	12.999	119	176524	21.709	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	196517	21.336	ug/l	97
85) sec-Butylbenzene	13.176	105	270645	21.681	ug/l	97
86) p-Isopropyltoluene	13.292	119	211880	21.151	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	102280	21.492	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	102422	21.612	ug/l	95
89) n-Butylbenzene	13.621	91	215025	21.413	ug/l	97
90) Hexachloroethane	13.883	117	43258	21.835	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	89950	21.746	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6582	21.425	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	45969	20.687	ug/l	96
94) Hexachlorobutadiene	15.023	225	27089	22.294	ug/l	98
95) Naphthalene	15.145	128	80850	19.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37637	19.953	ug/l	98

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

