

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020111.D
 Acq On : 01 Nov 2024 10:33
 Operator : SY/MD
 Sample : VY1101SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBS01

Quant Time: Nov 01 16:02:19 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 :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	224649	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	413315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	362345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	169895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166614	59.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 118.860%		
35) Dibromofluoromethane	7.634	113	148968	56.688	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 113.380%		
50) Toluene-d8	10.109	98	604944	57.834	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 115.660%		
62) 4-Bromofluorobenzene	12.402	95	190261	55.999	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 112.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	43553	20.944	ug/l	97
3) Chloromethane	2.068	50	76113	22.097	ug/l	97
4) Vinyl Chloride	2.202	62	79270	21.437	ug/l	99
5) Bromomethane	2.592	94	52391	21.340	ug/l	96
6) Chloroethane	2.733	64	53086	22.245	ug/l	97
7) Trichlorofluoromethane	3.056	101	100070	22.152	ug/l	99
8) Diethyl Ether	3.458	74	27813	22.075	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.818	101	53143	20.974	ug/l	90
10) Methyl Iodide	4.007	142	51383	21.005	ug/l	# 90
11) Tert butyl alcohol	4.860	59	20620	102.243	ug/l	# 91
12) 1,1-Dichloroethene	3.787	96	51636	21.300	ug/l	83
13) Acrolein	3.653	56	28586	113.863	ug/l	99
14) Allyl chloride	4.385	41	96060	21.963	ug/l	# 90
15) Acrylonitrile	5.061	53	61498	107.229	ug/l	94
16) Acetone	3.867	43	67421	103.402	ug/l	# 84
17) Carbon Disulfide	4.110	76	169096	20.960	ug/l	100
18) Methyl Acetate	4.379	43	34068	22.269	ug/l	# 89
19) Methyl tert-butyl Ether	5.110	73	134715	22.088	ug/l	97
20) Methylene Chloride	4.616	84	60861	20.778	ug/l	# 83
21) trans-1,2-Dichloroethene	5.110	96	57853	21.160	ug/l	87
22) Diisopropyl ether	6.019	45	206989	22.805	ug/l	# 88
23) Vinyl Acetate	5.958	43	549887	107.653	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	117253	22.310	ug/l	96
25) 2-Butanone	6.890	43	95334	107.862	ug/l	# 81
26) 2,2-Dichloropropane	6.878	77	92994	21.266	ug/l	93
27) cis-1,2-Dichloroethene	6.890	96	68959	21.942	ug/l	83
28) Bromochloromethane	7.244	49	53021	21.545	ug/l	# 68
29) Tetrahydrofuran	7.262	42	55178	108.176	ug/l	# 82
30) Chloroform	7.421	83	114090	21.876	ug/l	100
31) Cyclohexane	7.701	56	104094	20.459	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	98057	21.535	ug/l	# 94
36) 1,1-Dichloropropene	7.835	75	84599	20.840	ug/l	94
37) Ethyl Acetate	6.982	43	37423	19.336	ug/l	94
38) Carbon Tetrachloride	7.817	117	82731	20.267	ug/l	99
39) Methylcyclohexane	9.110	83	102064	19.810	ug/l	# 88
40) Benzene	8.079	78	248919	21.008	ug/l	100

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41) Methacrylonitrile	7.220	41	17316	17.861	ug/l	94
42) 1,2-Dichloroethane	8.152	62	69601	21.222	ug/l	95
43) Isopropyl Acetate	8.195	43	79732	21.423	ug/l #	75
44) Trichloroethene	8.866	130	56824	20.692	ug/l	85
45) 1,2-Dichloropropane	9.140	63	59850	21.112	ug/l	98
46) Dibromomethane	9.231	93	31787	20.694	ug/l	91
47) Bromodichloromethane	9.420	83	87303	21.696	ug/l	99
48) Methyl methacrylate	9.219	41	35245	20.445	ug/l #	83
49) 1,4-Dioxane	9.231	88	7228	457.054	ug/l #	92
51) 4-Methyl-2-Pentanone	10.000	43	202015	105.344	ug/l	88
52) Toluene	10.170	92	153958	21.079	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	73069	20.563	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	90424	21.320	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	39841	20.861	ug/l	93
56) Ethyl methacrylate	10.439	69	58231	21.255	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	74262	21.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	137917	102.079	ug/l	92
59) 2-Hexanone	10.762	43	144386	105.021	ug/l	85
60) Dibromochloromethane	10.908	129	51480	21.146	ug/l	98
61) 1,2-Dibromoethane	11.012	107	36801	20.740	ug/l	99
64) Tetrachloroethene	10.646	164	49089	20.518	ug/l	87
65) Chlorobenzene	11.438	112	161689	20.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	51494	20.876	ug/l	99
67) Ethyl Benzene	11.518	91	294374	20.397	ug/l	98
68) m/p-Xylenes	11.627	106	219831	41.632	ug/l	92
69) o-Xylene	11.950	106	100601	20.123	ug/l	90
70) Styrene	11.969	104	172290	20.844	ug/l	95
71) Bromoform	12.133	173	25970	20.522	ug/l #	98
73) Isopropylbenzene	12.255	105	273660	20.163	ug/l	98
74) N-amyl acetate	12.066	43	67912	20.017	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	47830	20.151	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	40589m	25.486	ug/l	
77) Bromobenzene	12.530	156	56489	20.580	ug/l	84
78) n-propylbenzene	12.591	91	343058	20.310	ug/l	97
79) 2-Chlorotoluene	12.676	91	191589	20.434	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	219147	20.112	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	14816	20.011	ug/l #	80
82) 4-Chlorotoluene	12.780	91	198314	20.744	ug/l	96
83) tert-Butylbenzene	12.993	119	198114	20.793	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	221252	20.501	ug/l	95
85) sec-Butylbenzene	13.176	105	297388	20.332	ug/l	97
86) p-Isopropyltoluene	13.292	119	236835	20.178	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	114852	20.597	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	114724	20.660	ug/l	95
89) n-Butylbenzene	13.615	91	235328	20.000	ug/l	97
90) Hexachloroethane	13.877	117	46384	19.982	ug/l	82
91) 1,2-Dichlorobenzene	13.657	146	100967	20.832	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6796	18.879	ug/l	77
93) 1,2,4-Trichlorobenzene	14.919	180	50751	19.492	ug/l	96
94) Hexachlorobutadiene	15.023	225	27042	18.993	ug/l	97
95) Naphthalene	15.145	128	90580	18.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41632	18.837	ug/l	98

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

