

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020158.D
 Acq On : 05 Nov 2024 11:48
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBS01

Quant Time: Nov 06 00:21:44 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 11/06/2024
 Supervised By :Mahesh Dadoda 11/06/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	219084	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	400236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	344751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138756	50.746	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	101.500%	
35) Dibromofluoromethane	7.634	113	126431	49.684	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	99.360%	
50) Toluene-d8	10.103	98	498174	49.183	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	98.360%	
62) 4-Bromofluorobenzene	12.408	95	163288	49.631	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	99.260%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	38785	19.125	ug/l	95
3) Chloromethane	2.068	50	72173	21.485	ug/l	96
4) Vinyl Chloride	2.208	62	75105	20.826	ug/l	99
5) Bromomethane	2.592	94	51984	21.712	ug/l	93
6) Chloroethane	2.732	64	51334	22.057	ug/l	91
7) Trichlorofluoromethane	3.056	101	93782	21.288	ug/l	99
8) Diethyl Ether	3.452	74	26303	21.407	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.812	101	51025	20.650	ug/l	92
10) Methyl Iodide	4.007	142	48087	20.157	ug/l	92
11) Tert butyl alcohol	4.854	59	21240	107.993	ug/l	# 80
12) 1,1-Dichloroethene	3.787	96	48108	20.349	ug/l	# 73
13) Acrolein	3.653	56	22292	91.049	ug/l	99
14) Allyl chloride	4.385	41	90451	21.205	ug/l	# 90
15) Acrylonitrile	5.055	53	58780	105.093	ug/l	97
16) Acetone	3.866	43	60902	95.776	ug/l	# 86
17) Carbon Disulfide	4.104	76	155668	19.786	ug/l	97
18) Methyl Acetate	4.391	43	31849	21.347	ug/l	# 86
19) Methyl tert-butyl Ether	5.122	73	126852	21.327	ug/l	100
20) Methylene Chloride	4.616	84	53554	18.748	ug/l	# 74
21) trans-1,2-Dichloroethene	5.110	96	54677	20.507	ug/l	92
22) Diisopropyl ether	6.018	45	190931	21.570	ug/l	# 88
23) Vinyl Acetate	5.958	43	512747	102.932	ug/l	# 88
24) 1,1-Dichloroethane	5.921	63	109377	21.340	ug/l	95
25) 2-Butanone	6.896	43	85046	98.666	ug/l	# 83
26) 2,2-Dichloropropane	6.890	77	85945	20.154	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	64673	21.101	ug/l	83
28) Bromochloromethane	7.244	49	48486	20.203	ug/l	# 72
29) Tetrahydrofuran	7.268	42	52903	106.351	ug/l	# 81
30) Chloroform	7.421	83	110591	21.744	ug/l	96
31) Cyclohexane	7.701	56	99021	19.956	ug/l	86
32) 1,1,1-Trichloroethane	7.616	97	92044	20.728	ug/l	# 93
36) 1,1-Dichloropropene	7.841	75	80938	20.590	ug/l	92
37) Ethyl Acetate	6.988	43	35645	19.019	ug/l	# 77
38) Carbon Tetrachloride	7.817	117	78366	19.825	ug/l	96
39) Methylcyclohexane	9.109	83	96349	19.312	ug/l	# 88
40) Benzene	8.079	78	235790	20.550	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	21701m	23.115	ug/l	
42) 1,2-Dichloroethane	8.158	62	65229	20.538	ug/l	94
43) Isopropyl Acetate	8.201	43	71628	19.875	ug/l #	79
44) Trichloroethene	8.866	130	53623	20.165	ug/l	86
45) 1,2-Dichloropropane	9.140	63	57000	20.764	ug/l	99
46) Dibromomethane	9.231	93	30608	20.578	ug/l #	88
47) Bromodichloromethane	9.426	83	82336	21.130	ug/l	93
48) Methyl methacrylate	9.219	41	33012	19.776	ug/l #	81
49) 1,4-Dioxane	9.231	88	6609	431.569	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	192306	103.558	ug/l	88
52) Toluene	10.170	92	144445	20.423	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	70327	20.438	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	83612	20.358	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	39785	21.512	ug/l	90
56) Ethyl methacrylate	10.438	69	52839	19.918	ug/l #	71
57) 1,3-Dichloropropane	10.713	76	69846	20.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	132199	101.045	ug/l	91
59) 2-Hexanone	10.762	43	130051	97.686	ug/l	86
60) Dibromochloromethane	10.908	129	49248	20.890	ug/l	99
61) 1,2-Dibromoethane	11.011	107	35399	20.602	ug/l	96
64) Tetrachloroethene	10.646	164	48101	21.131	ug/l	93
65) Chlorobenzene	11.444	112	150066	20.429	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	49836	21.234	ug/l	99
67) Ethyl Benzene	11.517	91	280512	20.428	ug/l	96
68) m/p-Xylenes	11.627	106	206241	41.051	ug/l	90
69) o-Xylene	11.956	106	98127	20.630	ug/l	93
70) Styrene	11.969	104	163688	20.814	ug/l	95
71) Bromoform	12.133	173	25336	21.043	ug/l #	99
73) Isopropylbenzene	12.255	105	256975	19.851	ug/l	99
74) N-ethyl acetate	12.072	43	64724	20.002	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	45541	20.116	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	31615m	20.813	ug/l	
77) Bromobenzene	12.530	156	53050	20.264	ug/l	84
78) n-propylbenzene	12.597	91	326331	20.255	ug/l	96
79) 2-Chlorotoluene	12.676	91	179241	20.043	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	212931	20.489	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	13306	18.842	ug/l #	80
82) 4-Chlorotoluene	12.779	91	189077	20.736	ug/l	94
83) tert-Butylbenzene	12.999	119	186673	20.541	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	212510	20.645	ug/l	95
85) sec-Butylbenzene	13.176	105	283747	20.339	ug/l	97
86) p-Isopropyltoluene	13.292	119	224670	20.068	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	108248	20.353	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	105661	19.950	ug/l	95
89) n-Butylbenzene	13.615	91	220013	19.605	ug/l	98
90) Hexachloroethane	13.877	117	43765	19.767	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	94848	20.517	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6537	19.040	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	47452	19.108	ug/l	96
94) Hexachlorobutadiene	15.023	225	26470	19.492	ug/l	97
95) Naphthalene	15.145	128	84549	18.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	38508	18.267	ug/l	97

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

