

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020071.D
 Acq On : 29 Oct 2024 19:06
 Operator : SY/MD
 Sample : VY1029SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS03

Quant Time: Oct 30 01:29:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt

10/30/2024
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	124021	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	229183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	209710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	109115	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	97099	63.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.180%	
35) Dibromofluoromethane	7.634	113	87891	58.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.240%	
50) Toluene-d8	10.109	98	302699	54.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.407	95	113663	56.325	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 112.640%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	21152	18.321	ug/l	90
3) Chloromethane	2.068	50	31466	20.940	ug/l	94
4) Vinyl Chloride	2.208	62	33934	20.522	ug/l	96
5) Bromomethane	2.592	94	25820	24.669	ug/l	96
6) Chloroethane	2.738	64	27202	24.487	ug/l	97
7) Trichlorofluoromethane	3.062	101	54434	22.123	ug/l	93
8) Diethyl Ether	3.452	74	17577	23.505	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.824	101	33667	23.524	ug/l	89
10) Methyl Iodide	4.013	142	23885	16.501	ug/l	# 88
11) Tert butyl alcohol	4.872	59	20655m	160.682	ug/l	
12) 1,1-Dichloroethene	3.793	96	24991	18.783	ug/l	# 75
13) Acrolein	3.653	56	9207	82.053	ug/l	96
14) Allyl chloride	4.391	41	53569	22.315	ug/l	# 89
15) Acrylonitrile	5.067	53	53493	156.396	ug/l	97
16) Acetone	3.885	43	63465	159.653	ug/l	# 80
17) Carbon Disulfide	4.110	76	41751	11.707	ug/l	97
18) Methyl Acetate	4.391	43	26862	31.369	ug/l	# 86
19) Methyl tert-butyl Ether	5.116	73	101584	26.576	ug/l	100
20) Methylene Chloride	4.622	84	44278	29.820	ug/l	# 83
21) trans-1,2-Dichloroethene	5.122	96	29148	20.129	ug/l	# 75
22) Diisopropyl ether	6.024	45	147408	28.190	ug/l	# 91
23) Vinyl Acetate	5.970	43	388784	129.695	ug/l	# 88
24) 1,1-Dichloroethane	5.927	63	74361	25.583	ug/l	98
25) 2-Butanone	6.902	43	84153	158.155	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	55251	21.344	ug/l	96
27) cis-1,2-Dichloroethene	6.902	96	43382	24.242	ug/l	81
28) Bromochloromethane	7.250	49	35342	27.625	ug/l	# 71
29) Tetrahydrofuran	7.268	42	45029	148.213	ug/l	# 82
30) Chloroform	7.427	83	82272	27.766	ug/l	97
31) Cyclohexane	7.707	56	47674	18.684	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	64835	24.968	ug/l	95
36) 1,1-Dichloropropene	7.835	75	45640	20.947	ug/l	93
37) Ethyl Acetate	6.988	43	35217	30.998	ug/l	94
38) Carbon Tetrachloride	7.817	117	51209	21.924	ug/l	97
39) Methylcyclohexane	9.109	83	49730	18.115	ug/l	# 81
40) Benzene	8.085	78	149943	22.739	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	18495m	30.078	ug/l	
42) 1,2-Dichloroethane	8.158	62	49450	26.103	ug/l	96
43) Isopropyl Acetate	8.201	43	61949	26.737	ug/l #	88
44) Trichloroethene	8.865	130	34729	21.745	ug/l	88
45) 1,2-Dichloropropane	9.140	63	42753	25.904	ug/l	98
46) Dibromomethane	9.237	93	23596	26.167	ug/l #	87
47) Bromodichloromethane	9.426	83	63978	26.730	ug/l #	97
48) Methyl methacrylate	9.225	41	27349	26.834	ug/l #	79
49) 1,4-Dioxane	9.243	88	5515	546.448	ug/l #	76
51) 4-Methyl-2-Pentanone	9.999	43	180777	152.965	ug/l	88
52) Toluene	10.170	92	94388	22.932	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	50910	23.640	ug/l	91
54) cis-1,3-Dichloropropene	9.859	75	60552	23.829	ug/l #	82
55) 1,1,2-Trichloroethane	10.572	97	33900	28.534	ug/l	96
56) Ethyl methacrylate	10.438	69	44661	26.199	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	57126	27.381	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.713	63	111193	140.113	ug/l	92
59) 2-Hexanone	10.761	43	130979	155.171	ug/l	84
60) Dibromochloromethane	10.914	129	41396	27.147	ug/l	96
61) 1,2-Dibromoethane	11.017	107	28652	26.689	ug/l	98
64) Tetrachloroethene	10.646	164	33862	22.701	ug/l	91
65) Chlorobenzene	11.444	112	107932	22.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	39500	24.340	ug/l	98
67) Ethyl Benzene	11.517	91	189731	21.775	ug/l	99
68) m/p-Xylenes	11.627	106	137098	42.604	ug/l	90
69) o-Xylene	11.956	106	67624	21.872	ug/l	90
70) Styrene	11.968	104	118855	22.785	ug/l	95
71) Bromoform	12.133	173	22522	25.924	ug/l #	97
73) Isopropylbenzene	12.255	105	189153	20.609	ug/l	97
74) N-amyl acetate	12.072	43	56562	23.268	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	43563	26.712	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	30455m	14.248	ug/l	
77) Bromobenzene	12.529	156	40475	20.782	ug/l	81
78) n-propylbenzene	12.596	91	230357	20.772	ug/l	97
79) 2-Chlorotoluene	12.682	91	131978	20.758	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	151448	20.433	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	11360	21.451	ug/l #	79
82) 4-Chlorotoluene	12.779	91	138180	21.256	ug/l	94
83) tert-Butylbenzene	12.999	119	139146	20.956	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	151822	20.660	ug/l	94
85) sec-Butylbenzene	13.176	105	210938	21.262	ug/l	98
86) p-Isopropyltoluene	13.291	119	166389	20.654	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	83319	21.184	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	81432	21.075	ug/l	95
89) n-Butylbenzene	13.615	91	165067	20.984	ug/l	98
90) Hexachloroethane	13.883	117	35739	22.783	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	76665	22.184	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6449	24.778	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	40310	20.802	ug/l	96
94) Hexachlorobutadiene	15.023	225	20818	19.323	ug/l	93
95) Naphthalene	15.145	128	77253	21.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	33849	20.664	ug/l	97

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

