

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020176.D
 Acq On : 06 Nov 2024 13:10
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2024
 Supervised By :Mahesh Dadoda 11/07/2024

Quant Time: Nov 07 00:23:54 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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	204214	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	370512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	314496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149024	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126726	49.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.440%
35) Dibromofluoromethane	7.634	113	120515	51.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.320%
50) Toluene-d8	10.109	98	468000	49.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.408	95	150564	49.435	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38858	20.556	ug/l	93
3) Chloromethane	2.074	50	66923	21.373	ug/l	97
4) Vinyl Chloride	2.208	62	72019	21.425	ug/l	99
5) Bromomethane	2.599	94	49441	22.153	ug/l	96
6) Chloroethane	2.739	64	48489	22.351	ug/l	97
7) Trichlorofluoromethane	3.062	101	90713	22.090	ug/l	94
8) Diethyl Ether	3.452	74	22796	19.904	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.818	101	51091	22.182	ug/l	91
10) Methyl Iodide	4.013	142	45747	20.572	ug/l #	89
11) Tert butyl alcohol	4.866	59	16501	90.007	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	48455	21.988	ug/l #	79
13) Acrolein	3.659	56	18186	79.687	ug/l	97
14) Allyl chloride	4.379	41	84177	21.172	ug/l #	89
15) Acrylonitrile	5.061	53	53207	102.056	ug/l	99
16) Acetone	3.867	43	57089	96.317	ug/l #	77
17) Carbon Disulfide	4.110	76	149836	20.431	ug/l	99
18) Methyl Acetate	4.385	43	27269	19.608	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	112998	20.381	ug/l	98
20) Methylene Chloride	4.623	84	53959	20.265	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	52703	21.206	ug/l #	83
22) Diisopropyl ether	6.025	45	182108	22.072	ug/l #	94
23) Vinyl Acetate	5.964	43	470996	101.435	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	104658	21.906	ug/l	95
25) 2-Butanone	6.897	43	74975	93.316	ug/l #	80
26) 2,2-Dichloropropane	6.884	77	82748	20.817	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	60922	21.324	ug/l	82
28) Bromochloromethane	7.244	49	44357	19.828	ug/l #	71
29) Tetrahydrofuran	7.262	42	44512	95.998	ug/l #	82
30) Chloroform	7.421	83	102565	21.634	ug/l	99
31) Cyclohexane	7.707	56	94847	20.506	ug/l #	83
32) 1,1,1-Trichloroethane	7.616	97	89219	21.555	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	77392	21.267	ug/l	94
37) Ethyl Acetate	6.988	43	32631	18.808	ug/l	97
38) Carbon Tetrachloride	7.823	117	78338	21.408	ug/l	98
39) Methylcyclohexane	9.110	83	95642	20.708	ug/l #	86
40) Benzene	8.079	78	224744	21.159	ug/l	98

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41) Methacrylonitrile	7.226	41	21053	24.224	ug/l #	56
42) 1,2-Dichloroethane	8.158	62	61099	20.781	ug/l	92
43) Isopropyl Acetate	8.201	43	63442	19.016	ug/l #	78
44) Trichloroethene	8.866	130	51090	20.753	ug/l	93
45) 1,2-Dichloropropane	9.146	63	56619	22.280	ug/l	92
46) Dibromomethane	9.231	93	27320	19.841	ug/l	91
47) Bromodichloromethane	9.420	83	76467	21.198	ug/l	96
48) Methyl methacrylate	9.225	41	30348	19.638	ug/l #	79
49) 1,4-Dioxane	9.231	88	5939	418.930	ug/l #	81
51) 4-Methyl-2-Pentanone	10.000	43	161370	93.870	ug/l	89
52) Toluene	10.170	92	139452	21.299	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	65117	20.442	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	79461	20.899	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	35570	20.776	ug/l	95
56) Ethyl methacrylate	10.439	69	48433	19.721	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	63467	20.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	112126	92.578	ug/l	92
59) 2-Hexanone	10.762	43	113150	91.809	ug/l	85
60) Dibromochloromethane	10.914	129	45770	20.973	ug/l	96
61) 1,2-Dibromoethane	11.012	107	31669	19.910	ug/l	100
64) Tetrachloroethene	10.646	164	45915	22.112	ug/l	97
65) Chlorobenzene	11.444	112	145574	21.724	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	47279	22.083	ug/l	97
67) Ethyl Benzene	11.518	91	268911	21.467	ug/l	99
68) m/p-Xylenes	11.627	106	199409	43.510	ug/l	92
69) o-Xylene	11.957	106	92218	21.253	ug/l	92
70) Styrene	11.969	104	156931	21.874	ug/l	97
71) Bromoform	12.133	173	22522	20.505	ug/l #	100
73) Isopropylbenzene	12.255	105	252356	21.198	ug/l	99
74) N-amyl acetate	12.072	43	55017	18.488	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	40261	19.337	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	30355m	21.730	ug/l	
77) Bromobenzene	12.536	156	49388	20.513	ug/l	82
78) n-propylbenzene	12.597	91	314674	21.238	ug/l	97
79) 2-Chlorotoluene	12.682	91	172821	21.013	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	201487	21.082	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	12268	18.890	ug/l #	82
82) 4-Chlorotoluene	12.780	91	180399	21.513	ug/l	93
83) tert-Butylbenzene	12.999	119	179853	21.520	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	201050	21.238	ug/l	95
85) sec-Butylbenzene	13.176	105	274372	21.385	ug/l	97
86) p-Isopropyltoluene	13.292	119	217354	21.111	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	101271	20.705	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	100744	20.683	ug/l	96
89) n-Butylbenzene	13.621	91	218094	21.132	ug/l	97
90) Hexachloroethane	13.883	117	43104	21.169	ug/l	83
91) 1,2-Dichlorobenzene	13.658	146	90182	21.212	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5973	18.917	ug/l	70
93) 1,2,4-Trichlorobenzene	14.926	180	42618	18.661	ug/l	96
94) Hexachlorobutadiene	15.029	225	25414	20.350	ug/l	99
95) Naphthalene	15.145	128	75063	17.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	37476	19.331	ug/l	97

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

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