

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020136.D
 Acq On : 04 Nov 2024 12:13
 Operator : SY/MD
 Sample : VY1104SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBSD01

Quant Time: Nov 05 00:29:28 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 :Semsettin Yesilyurt 11/05/2024
 Supervised By :Mahesh Dadoda 11/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	224747	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	407852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	348566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	155977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	160962	57.384	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.760%			
35) Dibromofluoromethane	7.640	113	147295	56.803	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.600%			
50) Toluene-d8	10.109	98	583853	56.565	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.120%			
62) 4-Bromofluorobenzene	12.407	95	184164	54.931	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 109.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	47080	22.630	ug/l	100
3) Chloromethane	2.074	50	80409	23.334	ug/l	97
4) Vinyl Chloride	2.208	62	85594	23.137	ug/l	98
5) Bromomethane	2.598	94	57295	23.327	ug/l	97
6) Chloroethane	2.738	64	55173	23.109	ug/l	98
7) Trichlorofluoromethane	3.062	101	107320	23.747	ug/l	100
8) Diethyl Ether	3.458	74	28573	22.668	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.824	101	59616	23.519	ug/l	90
10) Methyl Iodide	4.013	142	58112	23.745	ug/l #	88
11) Tert butyl alcohol	4.848	59	29819	147.791	ug/l #	91
12) 1,1-Dichloroethene	3.799	96	56373	23.244	ug/l #	77
13) Acrolein	3.659	56	25242	100.500	ug/l	98
14) Allyl chloride	4.391	41	103564	23.668	ug/l #	90
15) Acrylonitrile	5.061	53	67483	117.613	ug/l	98
16) Acetone	3.872	43	80287	123.080	ug/l #	81
17) Carbon Disulfide	4.110	76	185616	22.998	ug/l	100
18) Methyl Acetate	4.391	43	36025	23.538	ug/l #	86
19) Methyl tert-butyl Ether	5.122	73	144306	23.651	ug/l	93
20) Methylene Chloride	4.628	84	65389	22.315	ug/l #	87
21) trans-1,2-Dichloroethene	5.122	96	65091	23.797	ug/l	88
22) Diisopropyl ether	6.024	45	219597	24.184	ug/l #	86
23) Vinyl Acetate	5.970	43	596186	116.666	ug/l #	91
24) 1,1-Dichloroethane	5.927	63	125546	23.878	ug/l	97
25) 2-Butanone	6.902	43	102341	115.739	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	107083	24.478	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	74981	23.847	ug/l	82
28) Bromochloromethane	7.256	49	50403	20.472	ug/l #	72
29) Tetrahydrofuran	7.268	42	60037	117.651	ug/l #	81
30) Chloroform	7.427	83	123119	23.597	ug/l	95
31) Cyclohexane	7.707	56	114703	22.534	ug/l	92
32) 1,1,1-Trichloroethane	7.622	97	109349	24.005	ug/l	95
36) 1,1-Dichloropropene	7.841	75	92767	23.158	ug/l	93
37) Ethyl Acetate	6.988	43	43348	22.698	ug/l #	92
38) Carbon Tetrachloride	7.823	117	92617	22.993	ug/l	99
39) Methylcyclohexane	9.109	83	113872	22.398	ug/l	87
40) Benzene	8.085	78	273572	23.398	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	25940	27.114	ug/l #	79
42) 1,2-Dichloroethane	8.164	62	73414	22.684	ug/l	94
43) Isopropyl Acetate	8.201	43	83175	22.648	ug/l #	76
44) Trichloroethene	8.871	130	63324	23.368	ug/l	89
45) 1,2-Dichloropropane	9.146	63	65043	23.251	ug/l	98
46) Dibromomethane	9.237	93	34629	22.846	ug/l	89
47) Bromodichloromethane	9.426	83	91882	23.139	ug/l #	99
48) Methyl methacrylate	9.225	41	38180	22.444	ug/l #	81
49) 1,4-Dioxane	9.231	88	7154	458.434	ug/l #	82
51) 4-Methyl-2-Pentanone	9.999	43	213296	112.716	ug/l	89
52) Toluene	10.176	92	166656	23.123	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	79457	22.660	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	96220	22.990	ug/l #	84
55) 1,1,2-Trichloroethane	10.572	97	43589	23.129	ug/l	92
56) Ethyl methacrylate	10.438	69	59189	21.895	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	79464	23.025	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	127357	95.526	ug/l	93
59) 2-Hexanone	10.761	43	151208	111.456	ug/l	85
60) Dibromochloromethane	10.914	129	54830	22.824	ug/l	99
61) 1,2-Dibromoethane	11.017	107	40116	22.911	ug/l	99
64) Tetrachloroethene	10.646	164	55806	24.248	ug/l	94
65) Chlorobenzene	11.444	112	172585	23.237	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	55521	23.398	ug/l	99
67) Ethyl Benzene	11.523	91	324745	23.391	ug/l	96
68) m/p-Xylenes	11.627	106	238240	46.902	ug/l	92
69) o-Xylene	11.956	106	111294	23.142	ug/l	91
70) Styrene	11.969	104	185131	23.282	ug/l	95
71) Bromoform	12.133	173	28457	23.376	ug/l #	98
73) Isopropylbenzene	12.255	105	299267	24.018	ug/l	97
74) N-amyl acetate	12.072	43	69994	22.472	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	51821	23.780	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	31235m	21.363	ug/l	
77) Bromobenzene	12.535	156	59841	23.747	ug/l	83
78) n-propylbenzene	12.596	91	371868	23.980	ug/l	96
79) 2-Chlorotoluene	12.682	91	202161	23.485	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	234896	23.482	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	16239	23.890	ug/l #	85
82) 4-Chlorotoluene	12.779	91	205303	23.392	ug/l	96
83) tert-Butylbenzene	12.999	119	209287	23.926	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	233670	23.584	ug/l	96
85) sec-Butylbenzene	13.176	105	318182	23.694	ug/l	97
86) p-Isopropyltoluene	13.291	119	250009	23.201	ug/l	95
87) 1,3-Dichlorobenzene	13.291	146	119364	23.317	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	117779	23.103	ug/l	96
89) n-Butylbenzene	13.621	91	249639	23.110	ug/l	97
90) Hexachloroethane	13.883	117	49433	23.196	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	104631	23.514	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7240	21.907	ug/l	73
93) 1,2,4-Trichlorobenzene	14.925	180	50631	21.181	ug/l	96
94) Hexachlorobutadiene	15.029	225	27638	21.144	ug/l	94
95) Naphthalene	15.145	128	88584	19.825	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	41809	20.605	ug/l	96

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

