

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019911.D
 Acq On : 16 Oct 2024 11:48
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS01

Quant Time: Oct 17 01:50:29 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 :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	250794	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	429202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	366460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	170040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	173887	56.310	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.620%			
35) Dibromofluoromethane	7.640	113	171207	60.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.900%			
50) Toluene-d8	10.109	98	615563	58.854	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.700%			
62) 4-Bromofluorobenzene	12.402	95	218537	57.826	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 115.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	46872	20.076	ug/l	99
3) Chloromethane	2.074	50	59975	19.737	ug/l	99
4) Vinyl Chloride	2.208	62	68230	20.405	ug/l	100
5) Bromomethane	2.598	94	43962	20.771	ug/l	95
6) Chloroethane	2.739	64	47041	20.941	ug/l	94
7) Trichlorofluoromethane	3.062	101	106724	21.450	ug/l	99
8) Diethyl Ether	3.458	74	29514	19.517	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.824	101	62808	21.702	ug/l	93
10) Methyl Iodide	4.007	142	55060	18.811	ug/l	94
11) Tert butyl alcohol	4.866	59	25229	89.580	ug/l #	82
12) 1,1-Dichloroethene	3.787	96	55078	20.471	ug/l	83
13) Acrolein	3.653	56	21446	94.515	ug/l	97
14) Allyl chloride	4.391	41	101028	20.811	ug/l #	90
15) Acrylonitrile	5.061	53	72675	105.073	ug/l	99
16) Acetone	3.873	43	87823	109.252	ug/l	88
17) Carbon Disulfide	4.110	76	118779	16.471	ug/l	98
18) Methyl Acetate	4.397	43	34201	19.750	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	155378	20.102	ug/l	97
20) Methylene Chloride	4.622	84	64575	21.278	ug/l #	76
21) trans-1,2-Dichloroethene	5.116	96	57911	19.776	ug/l #	83
22) Diisopropyl ether	6.025	45	234019	22.131	ug/l #	89
23) Vinyl Acetate	5.964	43	619033	102.119	ug/l #	89
24) 1,1-Dichloroethane	5.921	63	127950	21.768	ug/l	98
25) 2-Butanone	6.896	43	114291	106.219	ug/l #	82
26) 2,2-Dichloropropane	6.890	77	110665	21.141	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	77071	21.298	ug/l	83
28) Bromochloromethane	7.244	49	57846	22.359	ug/l #	73
29) Tetrahydrofuran	7.268	42	61350	99.859	ug/l #	82
30) Chloroform	7.427	83	132955	22.190	ug/l	95
31) Cyclohexane	7.707	56	102890	19.941	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	113420	21.600	ug/l	93
36) 1,1-Dichloropropene	7.841	75	85428	20.936	ug/l	94
37) Ethyl Acetate	6.988	43	44771	21.042	ug/l	96
38) Carbon Tetrachloride	7.823	117	94763	21.664	ug/l	97
39) Methylcyclohexane	9.109	83	100954	19.636	ug/l #	86
40) Benzene	8.085	78	266108	21.549	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	24659	21.414	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	76456	21.551	ug/l	95
43) Isopropyl Acetate	8.201	43	89281	20.576	ug/l #	88
44) Trichloroethene	8.866	130	63298	21.163	ug/l	91
45) 1,2-Dichloropropane	9.140	63	69643	22.532	ug/l	95
46) Dibromomethane	9.231	93	34554	20.462	ug/l	90
47) Bromodichloromethane	9.426	83	97454	21.742	ug/l	99
48) Methyl methacrylate	9.225	41	39752	20.827	ug/l #	79
49) 1,4-Dioxane	9.225	88	8052	426.018	ug/l #	92
51) 4-Methyl-2-Pentanone	10.000	43	232266	104.943	ug/l	88
52) Toluene	10.170	92	168396	21.846	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	82967	20.572	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	99438	20.895	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	48913	21.984	ug/l	97
56) Ethyl methacrylate	10.438	69	63393	19.857	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	84336	21.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	167833	112.927	ug/l	94
59) 2-Hexanone	10.762	43	169616	107.299	ug/l	85
60) Dibromochloromethane	10.914	129	59785	20.935	ug/l	98
61) 1,2-Dibromoethane	11.018	107	41203	20.494	ug/l	98
64) Tetrachloroethene	10.646	164	51114	19.610	ug/l #	89
65) Chlorobenzene	11.444	112	178909	21.345	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	60752	21.423	ug/l	99
67) Ethyl Benzene	11.518	91	328018	21.543	ug/l	99
68) m/p-Xylenes	11.627	106	239523	42.595	ug/l	91
69) o-Xylene	11.957	106	114323	21.160	ug/l	91
70) Styrene	11.969	104	193170	21.192	ug/l	94
71) Bromoform	12.133	173	29791	19.624	ug/l #	96
73) Isopropylbenzene	12.255	105	316268	22.113	ug/l	99
74) N-amyl acetate	12.072	43	76274	20.135	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	56302	22.154	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	39188m	11.764	ug/l	
77) Bromobenzene	12.530	156	65036	21.428	ug/l	86
78) n-propylbenzene	12.597	91	390955	22.622	ug/l	97
79) 2-Chlorotoluene	12.682	91	217927	21.996	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	252366	21.849	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	15791	19.135	ug/l #	80
82) 4-Chlorotoluene	12.780	91	223458	22.058	ug/l	94
83) tert-Butylbenzene	12.999	119	233772	22.592	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	251916	21.998	ug/l	96
85) sec-Butylbenzene	13.176	105	348778	22.560	ug/l	96
86) p-Isopropyltoluene	13.292	119	276355	22.013	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	131948	21.528	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	127631	21.196	ug/l	96
89) n-Butylbenzene	13.621	91	269234	21.963	ug/l	98
90) Hexachloroethane	13.877	117	53076	21.712	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	115064	21.365	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7740	19.083	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	57432	19.018	ug/l	97
94) Hexachlorobutadiene	15.023	225	33643	20.039	ug/l	97
95) Naphthalene	15.145	128	104437	18.337	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	48254	18.903	ug/l	96

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

