

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019535.D
 Acq On : 13 Sep 2024 12:15
 Operator : SY/MD
 Sample : VY0913SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024

Quant Time: Sep 14 04:51:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	446976	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	768674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	651548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	303958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218089	52.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.380%			
35) Dibromofluoromethane	7.628	113	221425	50.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.620%			
50) Toluene-d8	10.103	98	823144	51.063	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.407	95	290897	46.932	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	60601	22.558	ug/l	99
3) Chloromethane	2.068	50	72432	19.586	ug/l	97
4) Vinyl Chloride	2.208	62	83602	20.907	ug/l	97
5) Bromomethane	2.592	94	57978	23.604	ug/l	96
6) Chloroethane	2.732	64	56615	21.657	ug/l	93
7) Trichlorofluoromethane	3.062	101	137506	20.628	ug/l	96
8) Diethyl Ether	3.452	74	42702	19.084	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.811	101	80983	19.639	ug/l	97
10) Methyl Iodide	4.000	142	95213	18.009	ug/l	92
11) Tert butyl alcohol	4.866	59	32261	96.518	ug/l #	75
12) 1,1-Dichloroethene	3.787	96	74897	18.886	ug/l	90
13) Acrolein	3.653	56	23416	139.168	ug/l	98
14) Allyl chloride	4.378	41	129474	18.206	ug/l #	93
15) Acrylonitrile	5.055	53	90324	93.621	ug/l	98
16) Acetone	3.866	43	103629	105.097	ug/l #	86
17) Carbon Disulfide	4.104	76	183160	17.094	ug/l	100
18) Methyl Acetate	4.385	43	41383	15.465	ug/l	94
19) Methyl tert-butyl Ether	5.110	73	221729	19.741	ug/l	99
20) Methylene Chloride	4.610	84	92744	20.624	ug/l #	83
21) trans-1,2-Dichloroethene	5.110	96	82575	18.997	ug/l	83
22) Diisopropyl ether	6.012	45	281223	19.257	ug/l	92
23) Vinyl Acetate	5.957	43	809913	97.094	ug/l	94
24) 1,1-Dichloroethane	5.909	63	159730	19.492	ug/l	96
25) 2-Butanone	6.890	43	137430	97.997	ug/l	88
26) 2,2-Dichloropropane	6.884	77	145539	19.689	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	103375	19.578	ug/l	89
28) Bromochloromethane	7.238	49	68107	19.753	ug/l	86
29) Tetrahydrofuran	7.262	42	76771	90.036	ug/l	89
30) Chloroform	7.414	83	170301	20.357	ug/l	99
31) Cyclohexane	7.701	56	133500	18.023	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	148565	19.813	ug/l	97
36) 1,1-Dichloropropene	7.835	75	113402	19.122	ug/l	96
37) Ethyl Acetate	6.982	43	58400	19.220	ug/l	95
38) Carbon Tetrachloride	7.817	117	131156	19.612	ug/l	97
39) Methylcyclohexane	9.109	83	143395	18.170	ug/l #	89
40) Benzene	8.079	78	349721	19.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	31409	17.733	ug/l	90
42) 1,2-Dichloroethane	8.158	62	96924	19.720	ug/l	97
43) Isopropyl Acetate	8.195	43	116425	18.238	ug/l	91
44) Trichloroethene	8.865	130	88935	18.932	ug/l	92
45) 1,2-Dichloropropane	9.140	63	85647	19.180	ug/l	98
46) Dibromomethane	9.231	93	47346	19.389	ug/l	94
47) Bromodichloromethane	9.420	83	130249	19.842	ug/l #	99
48) Methyl methacrylate	9.219	41	52727	17.491	ug/l	85
49) 1,4-Dioxane	9.231	88	11396	396.421	ug/l #	99
51) 4-Methyl-2-Pentanone	9.999	43	295608	92.044	ug/l	93
52) Toluene	10.170	92	225396	19.187	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	118636	18.959	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	135221	18.558	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	65095	19.303	ug/l	95
56) Ethyl methacrylate	10.438	69	95160	18.576	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	109889	18.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	240868	101.308	ug/l	98
59) 2-Hexanone	10.761	43	222943	94.687	ug/l	89
60) Dibromochloromethane	10.914	129	85493	19.165	ug/l	99
61) 1,2-Dibromoethane	11.011	107	58055	18.477	ug/l	99
64) Tetrachloroethene	10.646	164	74728	18.521	ug/l	96
65) Chlorobenzene	11.444	112	248435	19.384	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	86419	19.475	ug/l	99
67) Ethyl Benzene	11.517	91	445229	19.551	ug/l	100
68) m/p-Xylenes	11.627	106	332346	38.596	ug/l	92
69) o-Xylene	11.956	106	162490	19.296	ug/l	94
70) Styrene	11.969	104	272625	19.175	ug/l	96
71) Bromoform	12.133	173	47819	18.867	ug/l #	96
73) Isopropylbenzene	12.255	105	434570	19.707	ug/l	99
74) N-amyl acetate	12.072	43	109948	18.333	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	74365	19.000	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	64856m	22.765	ug/l	
77) Bromobenzene	12.529	156	93609	19.140	ug/l	90
78) n-propylbenzene	12.596	91	516534	19.763	ug/l	100
79) 2-Chlorotoluene	12.682	91	300657	19.739	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	355371	19.824	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	25677	17.302	ug/l	89
82) 4-Chlorotoluene	12.779	91	303742	19.397	ug/l	97
83) tert-Butylbenzene	12.999	119	327986	20.210	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	351309	19.798	ug/l	97
85) sec-Butylbenzene	13.176	105	465151	19.730	ug/l	100
86) p-Isopropyltoluene	13.291	119	384722	19.945	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	186133	19.586	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	187325	19.862	ug/l	96
89) n-Butylbenzene	13.615	91	365702	19.832	ug/l	99
90) Hexachloroethane	13.877	117	78230	19.492	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	165360	19.499	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11765	18.036	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	94292	18.282	ug/l	97
94) Hexachlorobutadiene	15.023	225	50831	18.448	ug/l	98
95) Naphthalene	15.139	128	180912	17.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	78378	17.766	ug/l	96

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

