

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019422.D
 Acq On : 03 Sep 2024 12:07
 Operator : SY/MD
 Sample : VY0903SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS02

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

Quant Time: Sep 04 01:32:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	138890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	217776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	184141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	89190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	69236	52.630	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.260%			
35) Dibromofluoromethane	7.634	113	70753	51.387	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.780%			
50) Toluene-d8	10.109	98	258843	51.069	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.408	95	85633	52.236	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 104.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20519	18.131	ug/l	94
3) Chloromethane	2.074	50	31045	16.862	ug/l	99
4) Vinyl Chloride	2.208	62	36573	17.313	ug/l	99
5) Bromomethane	2.598	94	27375	17.555	ug/l	87
6) Chloroethane	2.732	64	22543	17.522	ug/l	97
7) Trichlorofluoromethane	3.056	101	38202	15.277	ug/l	95
8) Diethyl Ether	3.458	74	12674	21.460	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	27245	19.192	ug/l	94
10) Methyl Iodide	4.007	142	28142	20.337	ug/l	94
11) Tert butyl alcohol	4.860	59	7312	98.620	ug/l #	76
12) 1,1-Dichloroethene	3.793	96	25827	19.949	ug/l	99
13) Acrolein	3.653	56	8938	103.371	ug/l	99
14) Allyl chloride	4.385	41	35960	20.118	ug/l	92
15) Acrylonitrile	5.055	53	26440	109.586	ug/l	99
16) Acetone	3.866	43	28814	111.358	ug/l	90
17) Carbon Disulfide	4.104	76	72476	19.391	ug/l	97
18) Methyl Acetate	4.379	43	11907	20.844	ug/l	99
19) Methyl tert-butyl Ether	5.104	73	60988	20.663	ug/l	92
20) Methylene Chloride	4.610	84	30227	13.805	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	28458	19.299	ug/l	97
22) Diisopropyl ether	6.012	45	77129	19.180	ug/l #	88
23) Vinyl Acetate	5.958	43	222540	99.428	ug/l	94
24) 1,1-Dichloroethane	5.915	63	46946	19.318	ug/l	96
25) 2-Butanone	6.884	43	37413	108.097	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	42645	20.147	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	33599	19.900	ug/l	97
28) Bromochloromethane	7.238	49	20110	20.141	ug/l	97
29) Tetrahydrofuran	7.262	42	22131	106.421	ug/l	91
30) Chloroform	7.421	83	53158	19.540	ug/l	99
31) Cyclohexane	7.695	56	41918	18.737	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	48777	19.320	ug/l	96
36) 1,1-Dichloropropene	7.835	75	36415	18.715	ug/l	99
37) Ethyl Acetate	6.988	43	14823	19.246	ug/l	97
38) Carbon Tetrachloride	7.817	117	44246	18.658	ug/l	98
39) Methylcyclohexane	9.109	83	46786	18.751	ug/l	95
40) Benzene	8.079	78	114408	19.321	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	8356m	17.990	ug/l	
42) 1,2-Dichloroethane	8.152	62	30729	19.554	ug/l	98
43) Isopropyl Acetate	8.195	43	29863	19.868	ug/l #	86
44) Trichloroethene	8.859	130	31738	19.515	ug/l	87
45) 1,2-Dichloropropane	9.140	63	24880	19.386	ug/l	99
46) Dibromomethane	9.231	93	15275	19.786	ug/l	98
47) Bromodichloromethane	9.420	83	39501	19.374	ug/l	99
48) Methyl methacrylate	9.219	41	14298	20.120	ug/l	87
49) 1,4-Dioxane	9.225	88	3528	417.128	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	78703	99.994	ug/l	92
52) Toluene	10.170	92	73838	19.021	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	31934	18.964	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	39155	19.637	ug/l #	90
55) 1,1,2-Trichloroethane	10.573	97	19697	20.002	ug/l	91
56) Ethyl methacrylate	10.438	69	24341	19.027	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	33772	20.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	60215	104.990	ug/l	98
59) 2-Hexanone	10.762	43	56256	107.782	ug/l	90
60) Dibromochloromethane	10.914	129	26790	19.954	ug/l	96
61) 1,2-Dibromoethane	11.012	107	18636	20.541	ug/l	100
64) Tetrachloroethene	10.646	164	33731	18.755	ug/l	97
65) Chlorobenzene	11.444	112	80365	19.507	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	26955	18.869	ug/l	99
67) Ethyl Benzene	11.518	91	137790	19.130	ug/l	100
68) m/p-Xylenes	11.627	106	109290	38.349	ug/l	100
69) o-Xylene	11.956	106	49996	18.835	ug/l	99
70) Styrene	11.969	104	86155	19.835	ug/l	99
71) Bromoform	12.133	173	15087	19.869	ug/l #	95
73) Isopropylbenzene	12.255	105	131135	18.439	ug/l	99
74) N-amyl acetate	12.072	43	26601	19.452	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	21290	20.143	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	13532m	17.276	ug/l	
77) Bromobenzene	12.536	156	31551	18.830	ug/l	94
78) n-propylbenzene	12.597	91	160760	18.709	ug/l	98
79) 2-Chlorotoluene	12.682	91	90314	18.866	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	107007	19.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6461	20.408	ug/l #	80
82) 4-Chlorotoluene	12.779	91	93680	19.344	ug/l	99
83) tert-Butylbenzene	12.999	119	95812	18.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	107984	20.073	ug/l	99
85) sec-Butylbenzene	13.176	105	141748	18.873	ug/l	98
86) p-Isopropyltoluene	13.292	119	117524	19.209	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	60236	19.541	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	60229	19.583	ug/l	99
89) n-Butylbenzene	13.621	91	106425	18.932	ug/l	100
90) Hexachloroethane	13.883	117	22474	18.120	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	54341	19.974	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3207	22.396	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	22170	15.860	ug/l	97
94) Hexachlorobutadiene	15.023	225	12561	13.476	ug/l	98
95) Naphthalene	15.145	128	37260	16.279	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	21015	17.571	ug/l	97

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

