

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019463.D
 Acq On : 09 Sep 2024 13:57
 Operator : SY/MD
 Sample : VY0909SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBS01

Quant Time: Sep 10 01:47:56 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	641431	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	1066611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	904874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	432815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	303114	51.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.060%			
35) Dibromofluoromethane	7.634	113	307537	50.854	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.700%			
50) Toluene-d8	10.109	98	1174947	52.527	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.407	95	430578	50.063	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	96226	25.435	ug/l	98
3) Chloromethane	2.074	50	111519	21.014	ug/l	100
4) Vinyl Chloride	2.208	62	124086	21.623	ug/l	94
5) Bromomethane	2.598	94	74781	21.215	ug/l	99
6) Chloroethane	2.732	64	78021	20.798	ug/l	97
7) Trichlorofluoromethane	3.062	101	200935	21.006	ug/l	96
8) Diethyl Ether	3.452	74	62867	19.579	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.811	101	123259	20.830	ug/l	98
10) Methyl Iodide	4.007	142	157460	20.754	ug/l	95
11) Tert butyl alcohol	4.866	59	46580	97.110	ug/l #	84
12) 1,1-Dichloroethene	3.787	96	115344	20.268	ug/l	89
13) Acrolein	3.653	56	34327	142.493	ug/l	96
14) Allyl chloride	4.385	41	196540	19.258	ug/l #	93
15) Acrylonitrile	5.055	53	133609	96.502	ug/l	99
16) Acetone	3.872	43	136511	96.474	ug/l #	84
17) Carbon Disulfide	4.104	76	294154	19.131	ug/l	97
18) Methyl Acetate	4.385	43	69154	18.009	ug/l	90
19) Methyl tert-butyl Ether	5.110	73	321608	19.953	ug/l	98
20) Methylene Chloride	4.610	84	128379	19.894	ug/l #	87
21) trans-1,2-Dichloroethene	5.116	96	124331	19.932	ug/l	90
22) Diisopropyl ether	6.012	45	418290	19.959	ug/l	91
23) Vinyl Acetate	5.957	43	1207897	100.906	ug/l #	93
24) 1,1-Dichloroethane	5.909	63	236270	20.091	ug/l	96
25) 2-Butanone	6.890	43	194984	96.887	ug/l #	87
26) 2,2-Dichloropropane	6.884	77	216684	20.427	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	154543	20.396	ug/l	91
28) Bromochloromethane	7.238	49	92631	18.721	ug/l	86
29) Tetrahydrofuran	7.262	42	118816	97.102	ug/l #	86
30) Chloroform	7.421	83	242368	20.189	ug/l	99
31) Cyclohexane	7.701	56	209080	19.669	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	220024	20.447	ug/l	98
36) 1,1-Dichloropropene	7.835	75	169879	20.644	ug/l	98
37) Ethyl Acetate	6.982	43	85673	20.320	ug/l	96
38) Carbon Tetrachloride	7.817	117	191512	20.638	ug/l	100
39) Methylcyclohexane	9.109	83	223720	20.429	ug/l	92
40) Benzene	8.079	78	517485	20.417	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	53050	21.585	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	139302	20.425	ug/l	98
43) Isopropyl Acetate	8.195	43	178103	20.106	ug/l	91
44) Trichloroethene	8.865	130	129544	19.874	ug/l	90
45) 1,2-Dichloropropane	9.140	63	125043	20.180	ug/l	99
46) Dibromomethane	9.231	93	68278	20.150	ug/l	97
47) Bromodichloromethane	9.420	83	186362	20.460	ug/l	99
48) Methyl methacrylate	9.219	41	85115	20.348	ug/l #	84
49) 1,4-Dioxane	9.225	88	14794	370.873	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	440858	98.926	ug/l	92
52) Toluene	10.170	92	330577	20.280	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	173749	20.011	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	202037	19.983	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	93287	19.936	ug/l	97
56) Ethyl methacrylate	10.438	69	141346	19.885	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	161248	20.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	323993	98.206	ug/l	98
59) 2-Hexanone	10.761	43	323066	98.883	ug/l	89
60) Dibromochloromethane	10.914	129	126668	20.463	ug/l	98
61) 1,2-Dibromoethane	11.011	107	88196	20.229	ug/l	98
64) Tetrachloroethene	10.646	164	112659	20.105	ug/l	96
65) Chlorobenzene	11.444	112	363604	20.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	125395	20.347	ug/l	99
67) Ethyl Benzene	11.517	91	653889	20.675	ug/l	100
68) m/p-Xylenes	11.627	106	494070	41.315	ug/l	94
69) o-Xylene	11.956	106	240034	20.524	ug/l	97
70) Styrene	11.969	104	404649	20.493	ug/l	96
71) Bromoform	12.133	173	71086	20.195	ug/l #	97
73) Isopropylbenzene	12.255	105	640591	20.401	ug/l	100
74) N-amyl acetate	12.072	43	167521	19.617	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	110990	19.915	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	81458m	20.080	ug/l	
77) Bromobenzene	12.529	156	138576	19.899	ug/l	90
78) n-propylbenzene	12.596	91	766160	20.586	ug/l	100
79) 2-Chlorotoluene	12.682	91	442045	20.381	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	517796	20.285	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	39505	18.694	ug/l	90
82) 4-Chlorotoluene	12.779	91	455496	20.428	ug/l	95
83) tert-Butylbenzene	12.999	119	478087	20.688	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	514902	20.378	ug/l	98
85) sec-Butylbenzene	13.176	105	703925	20.968	ug/l	100
86) p-Isopropyltoluene	13.291	119	576624	20.994	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	276088	20.403	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	274349	20.429	ug/l	97
89) n-Butylbenzene	13.615	91	552809	21.053	ug/l	99
90) Hexachloroethane	13.877	117	115423	20.197	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	246942	20.450	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18025	19.406	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	152175	20.720	ug/l	97
94) Hexachlorobutadiene	15.023	225	83537	21.292	ug/l	99
95) Naphthalene	15.145	128	294485	20.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	129601	20.630	ug/l	97

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

