

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019837.D
 Acq On : 09 Oct 2024 17:04
 Operator : SY/MD
 Sample : VY1009SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009SBS01

Quant Time: Oct 10 05:39:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	391444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	690715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	588338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	274350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	234497	48.653	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.300%		
35) Dibromofluoromethane	7.634	113	225567	49.489	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.980%		
50) Toluene-d8	10.103	98	822551	48.869	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.740%		
62) 4-Bromofluorobenzene	12.401	95	290048	47.691	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	95.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	71181	19.534	ug/l	96
3) Chloromethane	2.068	50	94301	19.883	ug/l	97
4) Vinyl Chloride	2.202	62	100273	19.213	ug/l	100
5) Bromomethane	2.592	94	69362	20.997	ug/l	95
6) Chloroethane	2.732	64	67780	19.332	ug/l	98
7) Trichlorofluoromethane	3.062	101	148084	19.068	ug/l	99
8) Diethyl Ether	3.458	74	46486	19.695	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	85177	18.856	ug/l	99
10) Methyl Iodide	4.007	142	86242	18.877	ug/l	99
11) Tert butyl alcohol	4.860	59	50289	119.633	ug/l	96
12) 1,1-Dichloroethene	3.787	96	78027	18.580	ug/l	95
13) Acrolein	3.653	56	35430	100.039	ug/l	99
14) Allyl chloride	4.385	41	144985	19.135	ug/l	99
15) Acrylonitrile	5.067	53	104554	96.849	ug/l	99
16) Acetone	3.873	43	101278	80.720	ug/l	96
17) Carbon Disulfide	4.104	76	208341	18.509	ug/l	100
18) Methyl Acetate	4.391	43	52635	19.474	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	235488	19.519	ug/l	99
20) Methylene Chloride	4.616	84	99481	19.646	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	87998	19.253	ug/l	97
22) Diisopropyl ether	6.025	45	327829	19.863	ug/l	97
23) Vinyl Acetate	5.957	43	904678	95.617	ug/l	97
24) 1,1-Dichloroethane	5.915	63	181676	19.803	ug/l	99
25) 2-Butanone	6.896	43	151693	90.324	ug/l	98
26) 2,2-Dichloropropane	6.884	77	154165	18.869	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	109783	19.437	ug/l	99
28) Bromochloromethane	7.244	49	76676	18.988	ug/l	100
29) Tetrahydrofuran	7.262	42	91494	95.414	ug/l	99
30) Chloroform	7.421	83	187396	20.038	ug/l	95
31) Cyclohexane	7.701	56	151124	18.765	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	158477	19.336	ug/l	99
36) 1,1-Dichloropropene	7.835	75	124585	18.973	ug/l	99
37) Ethyl Acetate	6.988	43	66815	19.513	ug/l	98
38) Carbon Tetrachloride	7.817	117	134787	19.147	ug/l	96
39) Methylcyclohexane	9.109	83	151799	18.347	ug/l	99
40) Benzene	8.079	78	386462	19.447	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	37750	20.370	ug/l	97
42) 1,2-Dichloroethane	8.158	62	109417	19.165	ug/l	99
43) Isopropyl Acetate	8.195	43	130797	18.731	ug/l #	88
44) Trichloroethene	8.866	130	91516	19.013	ug/l	94
45) 1,2-Dichloropropane	9.140	63	95656	19.231	ug/l	100
46) Dibromomethane	9.231	93	51966	19.122	ug/l	99
47) Bromodichloromethane	9.420	83	140690	19.504	ug/l	98
48) Methyl methacrylate	9.219	41	61957	20.170	ug/l	96
49) 1,4-Dioxane	9.231	88	11532	379.133	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	341395	95.849	ug/l	100
52) Toluene	10.170	92	241962	19.505	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	120551	18.574	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	143688	18.762	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	71067	19.848	ug/l	99
56) Ethyl methacrylate	10.438	69	98279	19.129	ug/l	99
57) 1,3-Dichloropropane	10.713	76	121792	19.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	237013	99.096	ug/l	98
59) 2-Hexanone	10.755	43	232849	91.531	ug/l	100
60) Dibromochloromethane	10.908	129	86242	18.766	ug/l	100
61) 1,2-Dibromoethane	11.011	107	62973	19.463	ug/l	99
64) Tetrachloroethene	10.646	164	79114	18.905	ug/l	96
65) Chlorobenzene	11.438	112	261942	19.466	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	88278	19.390	ug/l	99
67) Ethyl Benzene	11.517	91	469940	19.225	ug/l	99
68) m/p-Xylenes	11.627	106	342812	37.972	ug/l	99
69) o-Xylene	11.950	106	166322	19.175	ug/l	99
70) Styrene	11.969	104	283935	19.402	ug/l	99
71) Bromoform	12.127	173	45524	18.678	ug/l #	100
73) Isopropylbenzene	12.249	105	448785	19.448	ug/l	99
74) N-amyl acetate	12.066	43	117795	19.273	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	81996	19.997	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	50629m	17.723	ug/l	
77) Bromobenzene	12.529	156	96109	19.626	ug/l	100
78) n-propylbenzene	12.590	91	549230	19.697	ug/l	100
79) 2-Chlorotoluene	12.676	91	309948	19.389	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	358899	19.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	23374	17.554	ug/l	95
82) 4-Chlorotoluene	12.773	91	325215	19.897	ug/l	100
83) tert-Butylbenzene	12.993	119	329463	19.734	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	362099	19.597	ug/l	100
85) sec-Butylbenzene	13.170	105	487883	19.559	ug/l	100
86) p-Isopropyltoluene	13.285	119	394010	19.452	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	191165	19.331	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	188542	19.407	ug/l	98
89) n-Butylbenzene	13.615	91	381916	19.310	ug/l	100
90) Hexachloroethane	13.877	117	76938	19.507	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	170375	19.608	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12305	18.804	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	91950	18.872	ug/l	99
94) Hexachlorobutadiene	15.017	225	52883	19.522	ug/l	98
95) Naphthalene	15.139	128	176898	19.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	77717	18.869	ug/l	97

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

