

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019809.D
 Acq On : 07 Oct 2024 14:16
 Operator : SY/MD
 Sample : VY1007SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben
 Patel

Quant Time: Oct 08 01:38:43 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						10/08/2024
1) Pentafluorobenzene	7.707	168	247380	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	434561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	368422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	169969	50.000	ug/l	0.00
System Monitoring Compounds						10/08/2024
33) 1,2-Dichloroethane-d4	8.061	65	142250	62.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.200%	
35) Dibromofluoromethane	7.634	113	135572	55.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.040%	
50) Toluene-d8	10.103	98	491022	53.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.402	95	175415	50.059	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	26715	17.060	ug/l	100
3) Chloromethane	2.068	50	31496	15.389	ug/l	99
4) Vinyl Chloride	2.202	62	37624	17.000	ug/l	99
5) Bromomethane	2.592	94	27204	20.011	ug/l	100
6) Chloroethane	2.733	64	28110	19.429	ug/l	99
7) Trichlorofluoromethane	3.056	101	71792	19.460	ug/l	99
8) Diethyl Ether	3.458	74	24507	19.790	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.824	101	47291	20.722	ug/l	94
10) Methyl Iodide	4.007	142	37123	12.687	ug/l	# 88
11) Tert butyl alcohol	4.878	59	26600	143.791	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	35622	16.230	ug/l	# 81
13) Acrolein	3.653	56	8623	87.512	ug/l	94
14) Allyl chloride	4.385	41	71252	18.103	ug/l	# 92
15) Acrylonitrile	5.067	53	65912	123.439	ug/l	99
16) Acetone	3.879	43	78261	143.408	ug/l	88
17) Carbon Disulfide	4.104	76	49990	8.430	ug/l	97
18) Methyl Acetate	4.391	43	32690	22.073	ug/l	89
19) Methyl tert-butyl Ether	5.116	73	138599	22.296	ug/l	99
20) Methylene Chloride	4.616	84	48781	19.601	ug/l	# 84
21) trans-1,2-Dichloroethene	5.116	96	38852	16.150	ug/l	91
22) Diisopropyl ether	6.025	45	183896	22.752	ug/l	91
23) Vinyl Acetate	5.964	43	510273	110.529	ug/l	# 92
24) 1,1-Dichloroethane	5.915	63	98952	21.817	ug/l	97
25) 2-Butanone	6.896	43	104583	134.745	ug/l	89
26) 2,2-Dichloropropane	6.890	77	88120	21.539	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	58197	19.915	ug/l	84
28) Bromochloromethane	7.238	49	39244	20.565	ug/l	# 79
29) Tetrahydrofuran	7.262	42	56506	119.738	ug/l	# 81
30) Chloroform	7.421	83	105787	22.848	ug/l	98
31) Cyclohexane	7.701	56	63932	15.595	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	89097	21.469	ug/l	95
36) 1,1-Dichloropropene	7.835	75	59647	17.791	ug/l	96
37) Ethyl Acetate	6.988	43	39075	22.747	ug/l	97
38) Carbon Tetrachloride	7.823	117	71596	18.937	ug/l	98
39) Methylcyclohexane	9.109	83	66771	14.966	ug/l	91
40) Benzene	8.079	78	195332	18.916	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.226	41	23045	23.014	ug/l	#	87
42) 1,2-Dichloroethane	8.158	62	61811	22.245	ug/l		94
43) Isopropyl Acetate	8.201	43	81920	22.699	ug/l	#	80
44) Trichloroethene	8.866	130	48169	18.138	ug/l		93
45) 1,2-Dichloropropane	9.140	63	54710	21.672	ug/l		100
46) Dibromomethane	9.231	93	28710	20.796	ug/l		94
47) Bromodichloromethane	9.420	83	81937	22.080	ug/l		94
48) Methyl methacrylate	9.219	41	37063	21.747	ug/l	#	81
49) 1,4-Dioxane	9.237	88	7210	443.640	ug/l	#	79
51) 4-Methyl-2-Pentanone	10.000	43	219945	121.139	ug/l		89
52) Toluene	10.170	92	124265	18.711	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	71029	20.079	ug/l		93
54) cis-1,3-Dichloropropene	9.853	75	82143	19.942	ug/l	#	86
55) 1,1,2-Trichloroethane	10.573	97	42083	22.074	ug/l		94
56) Ethyl methacrylate	10.438	69	60119	20.759	ug/l	#	74
57) 1,3-Dichloropropane	10.713	76	72389	22.089	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	133246	99.131	ug/l		96
59) 2-Hexanone	10.756	43	158640	119.179	ug/l		88
60) Dibromochloromethane	10.908	129	54526	21.621	ug/l		100
61) 1,2-Dibromoethane	11.012	107	36683	20.651	ug/l		97
64) Tetrachloroethene	10.646	164	41253	18.082	ug/l		94
65) Chlorobenzene	11.438	112	147195	20.311	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.511	131	53699	21.401	ug/l		98
67) Ethyl Benzene	11.518	91	261598	20.315	ug/l		100
68) m/p-Xylenes	11.627	106	188581	38.731	ug/l		89
69) o-Xylene	11.950	106	93282	19.590	ug/l		90
70) Styrene	11.969	104	162030	20.154	ug/l		96
71) Bromoform	12.127	173	29752	20.760	ug/l	#	97
73) Isopropylbenzene	12.249	105	262910	21.322	ug/l		98
74) N-amyl acetate	12.066	43	73684	21.972	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	52903	24.172	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	40409m	25.365	ug/l		
77) Bromobenzene	12.530	156	56579	20.689	ug/l		86
78) n-propylbenzene	12.591	91	317709	21.738	ug/l		98
79) 2-Chlorotoluene	12.676	91	182583	21.436	ug/l		95
80) 1,3,5-Trimethylbenzene	12.731	105	211343	21.083	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.298	75	16584	19.984	ug/l		89
82) 4-Chlorotoluene	12.773	91	187777	21.444	ug/l		95
83) tert-Butylbenzene	12.993	119	197937	21.811	ug/l		95
84) 1,2,4-Trimethylbenzene	13.042	105	212966	21.462	ug/l		95
85) sec-Butylbenzene	13.170	105	294829	22.364	ug/l		98
86) p-Isopropyltoluene	13.286	119	236831	21.957	ug/l		96
87) 1,3-Dichlorobenzene	13.286	146	116830	21.985	ug/l		96
88) 1,4-Dichlorobenzene	13.365	146	115690	21.937	ug/l		96
89) n-Butylbenzene	13.615	91	231174	22.419	ug/l		99
90) Hexachloroethane	13.877	117	47724	21.264	ug/l		87
91) 1,2-Dichlorobenzene	13.657	146	104819	22.104	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8244	22.601	ug/l		77
93) 1,2,4-Trichlorobenzene	14.919	180	57896	20.074	ug/l		96
94) Hexachlorobutadiene	15.017	225	33788	21.929	ug/l		99
95) Naphthalene	15.139	128	114704	19.860	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	50173	20.338	ug/l		97

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

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

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Supervised By :Mahesh
Dadoda

10/08/2024

