

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019813.D
 Acq On : 07 Oct 2024 16:36
 Operator : SY/MD
 Sample : VY1007SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBS02

Quant Time: Oct 08 01:41:55 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 :Romaben Patel 10/08/2024
 Supervised By :Mahesh Dadoda 10/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	224385	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	399672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	327023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112404	54.099	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.200%			
35) Dibromofluoromethane	7.634	113	114292	50.436	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.880%			
50) Toluene-d8	10.103	98	419286	50.024	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.402	95	145886	45.267	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 90.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	22400	15.433	ug/l	96
3) Chloromethane	2.074	50	28224	15.203	ug/l	99
4) Vinyl Chloride	2.208	62	33909	16.892	ug/l	100
5) Bromomethane	2.599	94	22272	18.062	ug/l	96
6) Chloroethane	2.739	64	26133	19.914	ug/l	89
7) Trichlorofluoromethane	3.056	101	64340	19.227	ug/l	98
8) Diethyl Ether	3.458	74	19604	17.453	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.818	101	41477	20.037	ug/l	93
10) Methyl Iodide	4.007	142	33924	12.782	ug/l	92
11) Tert butyl alcohol	4.854	59	18644	111.112	ug/l	# 85
12) 1,1-Dichloroethene	3.793	96	33569	16.862	ug/l	86
13) Acrolein	3.659	56	5994	63.514	ug/l	86
14) Allyl chloride	4.385	41	65880	18.453	ug/l	# 91
15) Acrylonitrile	5.055	53	48536	100.213	ug/l	98
16) Acetone	3.867	43	64071	129.438	ug/l	# 82
17) Carbon Disulfide	4.104	76	44085	8.196	ug/l	99
18) Methyl Acetate	4.385	43	25581	19.043	ug/l	91
19) Methyl tert-butyl Ether	5.122	73	112962	20.035	ug/l	99
20) Methylene Chloride	4.616	84	45765	20.273	ug/l	# 82
21) trans-1,2-Dichloroethene	5.116	96	36682	16.811	ug/l	91
22) Diisopropyl ether	6.019	45	165154	22.528	ug/l	# 91
23) Vinyl Acetate	5.958	43	405414	96.815	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	89557	21.770	ug/l	97
25) 2-Butanone	6.890	43	79204	112.504	ug/l	# 84
26) 2,2-Dichloropropane	6.884	77	84029	22.644	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	53442	20.162	ug/l	81
28) Bromochloromethane	7.250	49	35169	20.318	ug/l	# 78
29) Tetrahydrofuran	7.262	42	39398	92.041	ug/l	# 82
30) Chloroform	7.421	83	97637	23.249	ug/l	96
31) Cyclohexane	7.701	56	57112	15.359	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	82333	21.873	ug/l	95
36) 1,1-Dichloropropene	7.835	75	55021	17.844	ug/l	95
37) Ethyl Acetate	6.976	43	28104	17.789	ug/l	97
38) Carbon Tetrachloride	7.817	117	66216	19.043	ug/l	93
39) Methylcyclohexane	9.110	83	59193	14.425	ug/l	90
40) Benzene	8.079	78	180080	18.961	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	18248	19.814	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	52696	20.620	ug/l	96
43) Isopropyl Acetate	8.195	43	59155	17.822	ug/l #	90
44) Trichloroethene	8.866	130	44094	18.053	ug/l	97
45) 1,2-Dichloropropane	9.140	63	49852	21.471	ug/l	96
46) Dibromomethane	9.231	93	23868	18.798	ug/l	92
47) Bromodichloromethane	9.420	83	72963	21.378	ug/l	99
48) Methyl methacrylate	9.219	41	25838	16.484	ug/l #	81
49) 1,4-Dioxane	9.231	88	5024	336.118	ug/l #	74
51) 4-Methyl-2-Pentanone	10.000	43	153034	91.644	ug/l	90
52) Toluene	10.170	92	116132	19.013	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	58875	18.096	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	71552	18.887	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	35192	20.071	ug/l	94
56) Ethyl methacrylate	10.439	69	44878	16.849	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	59341	19.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	105184	85.085	ug/l	95
59) 2-Hexanone	10.756	43	114693	93.685	ug/l	87
60) Dibromochloromethane	10.908	129	45583	19.653	ug/l	99
61) 1,2-Dibromoethane	11.012	107	29912	18.309	ug/l	99
64) Tetrachloroethene	10.646	164	36397	17.973	ug/l	96
65) Chlorobenzene	11.438	112	134813	20.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	47469	21.313	ug/l	99
67) Ethyl Benzene	11.518	91	239246	20.932	ug/l	99
68) m/p-Xylenes	11.627	106	174161	40.297	ug/l	91
69) o-Xylene	11.950	106	86975	20.578	ug/l	92
70) Styrene	11.969	104	146392	20.514	ug/l	95
71) Bromoform	12.127	173	23392	18.388	ug/l #	96
73) Isopropylbenzene	12.255	105	242640	22.441	ug/l	99
74) N-amyl acetate	12.066	43	51310	17.449	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	40313	21.006	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	31149m	22.298	ug/l	
77) Bromobenzene	12.530	156	49319	20.566	ug/l	87
78) n-propylbenzene	12.591	91	290385	22.659	ug/l	99
79) 2-Chlorotoluene	12.676	91	166263	22.262	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	197531	22.472	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	11658	16.021	ug/l #	86
82) 4-Chlorotoluene	12.774	91	172485	22.464	ug/l	94
83) tert-Butylbenzene	12.993	119	180410	22.672	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	191786	22.042	ug/l	97
85) sec-Butylbenzene	13.176	105	268145	23.196	ug/l	98
86) p-Isopropyltoluene	13.292	119	214189	22.646	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	104303	22.384	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	102537	22.173	ug/l	96
89) n-Butylbenzene	13.615	91	208186	23.025	ug/l	98
90) Hexachloroethane	13.877	117	42674	21.684	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	90266	21.708	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.267	75	5267	16.467	ug/l	79
93) 1,2,4-Trichlorobenzene	14.919	180	47123	18.633	ug/l	95
94) Hexachlorobutadiene	15.017	225	28069	20.776	ug/l	96
95) Naphthalene	15.145	128	76678	15.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37409	17.293	ug/l	98

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

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