

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006276.D
 Acq On : 04 Oct 2021 15:07
 Operator : SY/MD
 Sample : VY1004SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1004SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 6:03:11 PM

Quant Time: Oct 05 06:37:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	137703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72953	49.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.00%
35) Dibromofluoromethane	7.722	113	53598	47.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.18%
50) Toluene-d8	10.185	98	219019	45.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.96%
62) 4-Bromofluorobenzene	12.483	95	75893	46.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	30374	21.75	ug/l	100
3) Chloromethane	2.119	50	35123	21.59	ug/l	97
4) Vinyl Chloride	2.253	62	40335	22.37	ug/l	97
5) Bromomethane	2.650	94	26270	22.42	ug/l	98
6) Chloroethane	2.802	64	22659	21.36	ug/l	94
7) Trichlorofluoromethane	3.131	101	49088	20.67	ug/l	93
8) Diethyl Ether	3.540	74	16882	21.52	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	24647	19.44	ug/l	96
10) Methyl Iodide	4.101	142	24138	17.47	ug/l	98
11) Tert butyl alcohol	4.966	59	13227	102.60	ug/l	95
12) 1,1-Dichloroethene	3.875	96	25074	19.44	ug/l	92
13) Acrolein	3.735	56	4768	66.80	ug/l	99
14) Allyl chloride	4.485	41	47207	19.03	ug/l	97
15) Acrylonitrile	5.168	53	41924	101.61	ug/l	99
16) Acetone	3.954	43	35289	85.73	ug/l	96
17) Carbon Disulfide	4.204	76	82139	19.04	ug/l	99
18) Methyl Acetate	4.485	43	28259	20.36	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	78197	20.76	ug/l	92
20) Methylene Chloride	4.729	84	28649	17.78	ug/l	87
21) trans-1,2-Dichloroethene	5.228	96	28241	19.75	ug/l	97
22) Diisopropyl ether	6.131	45	94545	19.27	ug/l	92
23) Vinyl Acetate	6.070	43	281942	95.86	ug/l	97
24) 1,1-Dichloroethane	6.027	63	51603	19.59	ug/l	99
25) 2-Butanone	6.990	43	52503	91.56	ug/l	93
26) 2,2-Dichloropropane	6.990	77	47077	19.54	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	31928	19.94	ug/l	95
28) Bromochloromethane	7.338	49	22080	20.13	ug/l #	87
29) Tetrahydrofuran	7.356	42	34671	95.73	ug/l	94
30) Chloroform	7.515	83	54189	20.62	ug/l	97
31) Cyclohexane	7.795	56	50567	18.11	ug/l #	95
32) 1,1,1-Trichloroethane	7.704	97	50371	20.76	ug/l	98
36) 1,1-Dichloropropene	7.923	75	40277	19.00	ug/l	98
37) Ethyl Acetate	7.082	43	24208	19.61	ug/l	97
38) Carbon Tetrachloride	7.905	117	45387	20.28	ug/l	97
39) Methylcyclohexane	9.185	83	49147	18.46	ug/l	98
40) Benzene	8.167	78	119053	19.80	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	15092m	18.84	ug/l	
42) 1,2-Dichloroethane	8.246	62	42011	21.68	ug/l	98
43) Isopropyl Acetate	8.277	43	46396	19.59	ug/l	96
44) Trichloroethene	8.941	130	31865	20.52	ug/l	97
45) 1,2-Dichloropropane	9.222	63	27828	18.80	ug/l	97
46) Dibromomethane	9.307	93	16041	20.35	ug/l	97
47) Bromodichloromethane	9.502	83	41962	20.67	ug/l	93
48) Methyl methacrylate	9.295	41	21421	18.85	ug/l	96
49) 1,4-Dioxane	9.301	88	3873	376.59	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	119898	97.51	ug/l	98
52) Toluene	10.246	92	74893	20.08	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	44763	20.23	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	48543	19.95	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	22341	20.14	ug/l	96
56) Ethyl methacrylate	10.514	69	32683	19.39	ug/l	96
57) 1,3-Dichloropropane	10.795	76	39648	19.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	80385	97.31	ug/l	97
59) 2-Hexanone	10.837	43	83038	94.82	ug/l	96
60) Dibromochloromethane	10.984	129	28441	21.11	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21074	20.07	ug/l	98
64) Tetrachloroethene	10.721	164	34830	21.74	ug/l	96
65) Chlorobenzene	11.514	112	79396	20.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	29683	20.43	ug/l	100
67) Ethyl Benzene	11.593	91	144921	19.50	ug/l	99
68) m/p-Xylenes	11.703	106	112014	39.72	ug/l	98
69) o-Xylene	12.032	106	53601	20.12	ug/l	99
70) Styrene	12.044	104	92446	20.44	ug/l	98
71) Bromoform	12.209	173	18591	20.58	ug/l #	99
73) Isopropylbenzene	12.331	105	140757	18.90	ug/l	100
74) N-amyl acetate	12.142	43	41705	18.04	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	23053	17.14	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	16805m	16.63	ug/l	
77) Bromobenzene	12.605	156	34895	19.98	ug/l	93
78) n-propylbenzene	12.672	91	173099	18.88	ug/l	99
79) 2-Chlorotoluene	12.758	91	96459	19.01	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	121151	19.45	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9084	17.66	ug/l	97
82) 4-Chlorotoluene	12.855	91	102165	19.47	ug/l	100
83) tert-Butylbenzene	13.075	119	102226	19.20	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	120306	19.56	ug/l	99
85) sec-Butylbenzene	13.251	105	155053	19.27	ug/l	100
86) p-Isopropyltoluene	13.367	119	129846	19.12	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	69101	19.97	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	68436	20.06	ug/l	99
89) n-Butylbenzene	13.696	91	122125	18.93	ug/l	99
90) Hexachloroethane	13.959	117	23818	19.31	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	61332	20.27	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4848	18.92	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	40760	20.39	ug/l	98
94) Hexachlorobutadiene	15.111	225	25460	19.52	ug/l	98
95) Naphthalene	15.233	128	77040	19.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	35045	19.78	ug/l	99

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

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