

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004796.D
 Acq On : 17 May 2021 11:48
 Operator : SY/MD
 Sample : VY0517SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 3:57:35 PM

Quant Time: May 18 01:02:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	218206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	357834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132290	50.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.86%			
35) Dibromofluoromethane	7.722	113	106086	54.15	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.30%			
50) Toluene-d8	10.185	98	451122	50.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.96%			
62) 4-Bromofluorobenzene	12.483	95	153213	51.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.60%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40970	20.50	ug/l	97
3) Chloromethane	2.119	50	60858	18.79	ug/l	99
4) Vinyl Chloride	2.260	62	66281	20.00	ug/l	97
5) Bromomethane	2.650	94	34320	20.31	ug/l	93
6) Chloroethane	2.796	64	38492	19.69	ug/l	98
7) Trichlorofluoromethane	3.131	101	79639	20.25	ug/l	96
8) Diethyl Ether	3.540	74	27721	19.95	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.900	101	45079	20.20	ug/l	99
10) Methyl Iodide	4.101	142	50219	21.05	ug/l	98
11) Tert butyl alcohol	4.985	59	23489	89.99	ug/l	96
12) 1,1-Dichloroethene	3.875	96	43543	20.19	ug/l	94
13) Acrolein	3.741	56	25141	81.93	ug/l	98
14) Allyl chloride	4.491	41	83298	19.76	ug/l	99
15) Acrylonitrile	5.174	53	64954	93.24	ug/l	98
16) Acetone	3.960	43	51128	87.64	ug/l	98
17) Carbon Disulfide	4.198	76	134001	20.34	ug/l	98
18) Methyl Acetate	4.491	43	36235	19.48	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	117684	19.84	ug/l	99
20) Methylene Chloride	4.729	84	55308	14.37	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	50068	20.43	ug/l	97
22) Diisopropyl ether	6.131	45	162656	20.06	ug/l	98
23) Vinyl Acetate	6.070	43	583661	95.86	ug/l	99
24) 1,1-Dichloroethane	6.027	63	92809	20.34	ug/l	99
25) 2-Butanone	6.997	43	94056	90.75	ug/l	100
26) 2,2-Dichloropropane	6.984	77	82482	20.70	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	55362	20.34	ug/l	99
28) Bromochloromethane	7.344	49	45164	20.27	ug/l	99
29) Tetrahydrofuran	7.356	42	60221	91.08	ug/l	97
30) Chloroform	7.515	83	91004	20.25	ug/l	96
31) Cyclohexane	7.795	56	82348	19.59	ug/l #	92
32) 1,1,1-Trichloroethane	7.710	97	82649	20.51	ug/l	99
36) 1,1-Dichloropropene	7.923	75	72586	19.79	ug/l	99
37) Ethyl Acetate	7.082	43	45280	18.02	ug/l	98
38) Carbon Tetrachloride	7.905	117	64978	19.71	ug/l	98
39) Methylcyclohexane	9.185	83	80109	20.03	ug/l	98
40) Benzene	8.167	78	209062	20.17	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	27972	20.37	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	64215	19.61	ug/l	100
43) Isopropyl Acetate	8.283	43	86122	18.46	ug/l	99
44) Trichloroethene	8.941	130	55473	19.91	ug/l	99
45) 1,2-Dichloropropane	9.222	63	53761	19.82	ug/l	100
46) Dibromomethane	9.313	93	29456	19.53	ug/l	98
47) Bromodichloromethane	9.502	83	71191	19.90	ug/l	95
48) Methyl methacrylate	9.295	41	39372	18.54	ug/l	99
49) 1,4-Dioxane	9.307	88	6658	374.88	ug/l	88
51) 4-Methyl-2-Pentanone	10.075	43	228869	91.18	ug/l	100
52) Toluene	10.246	92	130382	19.92	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	77225	19.48	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	86153	19.54	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	40850	19.68	ug/l	93
56) Ethyl methacrylate	10.514	69	57042	19.00	ug/l	99
57) 1,3-Dichloropropane	10.795	76	71993	19.51	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	154845	99.93	ug/l	99
59) 2-Hexanone	10.837	43	152570	89.70	ug/l	98
60) Dibromochloromethane	10.990	129	47166	19.11	ug/l	100
61) 1,2-Dibromoethane	11.093	107	39204	19.59	ug/l	97
64) Tetrachloroethene	10.721	164	57836	19.73	ug/l	98
65) Chlorobenzene	11.520	112	136039	20.37	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	49142	20.24	ug/l	99
67) Ethyl Benzene	11.593	91	249876	20.14	ug/l	99
68) m/p-Xylenes	11.703	106	189576	40.67	ug/l	100
69) o-Xylene	12.032	106	88014	20.20	ug/l	100
70) Styrene	12.044	104	146411	20.04	ug/l	99
71) Bromoform	12.209	173	28128	19.12	ug/l #	99
73) Isopropylbenzene	12.331	105	241826	20.85	ug/l	100
74) N-amyl acetate	12.148	43	76931	18.76	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	45281	19.56	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	31416m	19.23	ug/l	
77) Bromobenzene	12.611	156	52740	20.13	ug/l	99
78) n-propylbenzene	12.672	91	293733	20.75	ug/l	100
79) 2-Chlorotoluene	12.758	91	161370	20.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	200308	20.79	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17426	18.50	ug/l	96
82) 4-Chlorotoluene	12.855	91	167412	20.75	ug/l	100
83) tert-Butylbenzene	13.075	119	173539	21.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	200442	20.79	ug/l	99
85) sec-Butylbenzene	13.258	105	246628	20.62	ug/l	99
86) p-Isopropyltoluene	13.373	119	215183	20.76	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	103671	20.18	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	103250	20.39	ug/l	99
89) n-Butylbenzene	13.697	91	206534	20.38	ug/l	99
90) Hexachloroethane	13.959	117	30004	20.55	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	91583	20.21	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7883	18.23	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	55803	19.11	ug/l	98
94) Hexachlorobutadiene	15.111	225	30700	19.41	ug/l	97
95) Naphthalene	15.239	128	116242	18.40	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	49681	19.23	ug/l	98

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

