

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012821\
 Data File : VY003958.D
 Acq On : 28 Jan 2021 14:40
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFB

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MMDadoda
 1/29/2021 4:42:39 PM

Quant Time: Jan 29 07:22:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 29 07:22:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	113661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65189	52.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.32%			
35) Dibromofluoromethane	7.734	113	50245	49.11	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.22%			
50) Toluene-d8	10.185	98	198413	49.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.82%			
62) 4-Bromofluorobenzene	12.483	95	72942	49.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	50931	45.20	ug/l	100
3) Chloromethane	2.119	50	67927	47.87	ug/l	97
4) Vinyl Chloride	2.259	62	70523	47.67	ug/l	100
5) Bromomethane	2.662	94	50039	47.48	ug/l	99
6) Chloroethane	2.808	64	44305	47.78	ug/l	98
7) Trichlorofluoromethane	3.137	101	94689	46.18	ug/l	95
8) Diethyl Ether	3.546	74	30421	47.43	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	48664	45.99	ug/l	98
10) Methyl Iodide	4.107	142	59705	45.60	ug/l	98
11) Tert butyl alcohol	4.972	59	30203	264.40	ug/l	97
12) 1,1-Dichloroethene	3.887	96	47925	46.72	ug/l	95
13) Acrolein	3.747	56	29237	253.75	ug/l	97
14) Allyl chloride	4.503	41	94315	49.93	ug/l	97
15) Acrylonitrile	5.186	53	79758	244.34	ug/l	99
16) Acetone	3.960	43	72425	236.07	ug/l	94
17) Carbon Disulfide	4.210	76	159597	47.33	ug/l	98
18) Methyl Acetate	4.497	43	37672	49.26	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	152734	48.76	ug/l	95
20) Methylene Chloride	4.735	84	58946	45.25	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	56783	48.09	ug/l	93
22) Diisopropyl ether	6.137	45	190275	50.62	ug/l	97
23) Vinyl Acetate	6.082	43	647823	252.95	ug/l	99
24) 1,1-Dichloroethane	6.033	63	101653	48.79	ug/l	98
25) 2-Butanone	7.002	43	109271	249.97	ug/l	94
26) 2,2-Dichloropropane	6.996	77	93383	47.04	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	63208	48.24	ug/l	99
28) Bromochloromethane	7.350	49	50336	56.08	ug/l #	93
29) Tetrahydrofuran	7.362	42	72660	260.79	ug/l	97
30) Chloroform	7.521	83	107033	48.88	ug/l	97
31) Cyclohexane	7.795	56	97456	46.44	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	97151	48.09	ug/l	99
36) 1,1-Dichloropropene	7.929	75	82262	46.48	ug/l	98
37) Ethyl Acetate	7.088	43	49777	49.72	ug/l	99
38) Carbon Tetrachloride	7.911	117	87030	45.51	ug/l	99
39) Methylcyclohexane	9.191	83	99587	47.21	ug/l	99
40) Benzene	8.173	78	233507	47.73	ug/l	98

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41) Methacrylonitrile	7.344	41	35721m	54.09	ug/l	
42) 1,2-Dichloroethane	8.246	62	82434	48.94	ug/l	99
43) Isopropyl Acetate	8.283	43	97925	50.29	ug/l	99
44) Trichloroethene	8.947	130	63656	47.08	ug/l	97
45) 1,2-Dichloropropane	9.222	63	58950	48.67	ug/l	97
46) Dibromomethane	9.313	93	33067	47.78	ug/l	96
47) Bromodichloromethane	9.502	83	85761	47.92	ug/l	96
48) Methyl methacrylate	9.301	41	47558	49.99	ug/l	97
49) 1,4-Dioxane	9.301	88	6458	877.48	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	251659	253.02	ug/l	98
52) Toluene	10.252	92	148120	47.96	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	92136	48.88	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	99957	47.82	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	46139	48.10	ug/l	98
56) Ethyl methacrylate	10.514	69	66496	48.56	ug/l	98
57) 1,3-Dichloropropane	10.794	76	81034	47.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	150262	241.99	ug/l	99
59) 2-Hexanone	10.837	43	178933	256.66	ug/l	99
60) Dibromochloromethane	10.990	129	58968	47.17	ug/l	98
61) 1,2-Dibromoethane	11.093	107	45193	47.09	ug/l	98
64) Tetrachloroethene	10.721	164	66584	46.10	ug/l	96
65) Chlorobenzene	11.520	112	157634	48.27	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	60333	47.36	ug/l	97
67) Ethyl Benzene	11.593	91	297016	48.51	ug/l	99
68) m/p-Xylenes	11.703	106	218144	96.15	ug/l	99
69) o-Xylene	12.032	106	102600	48.61	ug/l	100
70) Styrene	12.044	104	180244	49.49	ug/l	100
71) Bromoform	12.209	173	39113	47.97	ug/l #	98
73) Isopropylbenzene	12.331	105	281472	47.10	ug/l	99
74) N-amyl acetate	12.142	43	91579	52.13	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	52002	47.98	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	37271m	44.31	ug/l	
77) Bromobenzene	12.611	156	69493	46.91	ug/l	100
78) n-propylbenzene	12.672	91	338255	47.57	ug/l	99
79) 2-Chlorotoluene	12.758	91	192643	47.31	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	243275	47.44	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20583	46.77	ug/l	94
82) 4-Chlorotoluene	12.855	91	202874	47.10	ug/l	99
83) tert-Butylbenzene	13.075	119	202066	47.39	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	244089	47.48	ug/l	100
85) sec-Butylbenzene	13.251	105	278238	47.09	ug/l	100
86) p-Isopropyltoluene	13.367	119	259216	47.03	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	132034	47.30	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	131307	47.62	ug/l	100
89) n-Butylbenzene	13.696	91	246378	48.15	ug/l	99
90) Hexachloroethane	13.959	117	47387	46.96	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	117138	47.10	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10099	45.21	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	81981	47.62	ug/l	99
94) Hexachlorobutadiene	15.111	225	48991	44.28	ug/l	99
95) Naphthalene	15.233	128	160645	49.72	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	71274	48.06	ug/l	99

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

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