

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004382.D
 Acq On : 12 Apr 2021 14:02
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041221

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 4:09:39 PM

Quant Time: Apr 13 03:39:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	198513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	289309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117840	53.43	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.86%			
35) Dibromofluoromethane	7.728	113	91258	51.10	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.20%			
50) Toluene-d8	10.185	98	396258	52.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.32%			
62) 4-Bromofluorobenzene	12.483	95	133711	51.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.74%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	88378	48.05	ug/l	98
3) Chloromethane	2.119	50	125572	47.22	ug/l	98
4) Vinyl Chloride	2.259	62	143730	51.17	ug/l	100
5) Bromomethane	2.656	94	69560	50.76	ug/l	100
6) Chloroethane	2.802	64	80863	48.02	ug/l	99
7) Trichlorofluoromethane	3.131	101	168184	47.88	ug/l	98
8) Diethyl Ether	3.540	74	59136	49.81	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	94110	48.30	ug/l	98
10) Methyl Iodide	4.101	142	110495	47.38	ug/l	100
11) Tert butyl alcohol	4.972	59	57831	266.05	ug/l	100
12) 1,1-Dichloroethene	3.881	96	92201	47.85	ug/l	96
13) Acrolein	3.741	56	65193	269.80	ug/l	100
14) Allyl chloride	4.491	41	174242	47.28	ug/l	99
15) Acrylonitrile	5.180	53	165061	259.12	ug/l	98
16) Acetone	3.960	43	128382	276.26	ug/l	98
17) Carbon Disulfide	4.204	76	278607	46.96	ug/l	99
18) Methyl Acetate	4.485	43	77175	50.24	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	292252	50.48	ug/l	99
20) Methylene Chloride	4.729	84	101270	47.54	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	106216	48.72	ug/l	98
22) Diisopropyl ether	6.131	45	380914	48.90	ug/l	98
23) Vinyl Acetate	6.076	43	1345502	253.72	ug/l	100
24) 1,1-Dichloroethane	6.027	63	192190	48.29	ug/l	99
25) 2-Butanone	6.996	43	227959	271.33	ug/l	98
26) 2,2-Dichloropropane	6.996	77	171949	48.15	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	118845	48.72	ug/l	99
28) Bromochloromethane	7.344	49	99573	55.05	ug/l	98
29) Tetrahydrofuran	7.356	42	156506	260.73	ug/l	99
30) Chloroform	7.515	83	191135	48.87	ug/l	99
31) Cyclohexane	7.789	56	182531	45.14	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	171311	48.28	ug/l	100
36) 1,1-Dichloropropene	7.929	75	152524	47.69	ug/l	99
37) Ethyl Acetate	7.088	43	105181	51.07	ug/l	98
38) Carbon Tetrachloride	7.911	117	136765	49.47	ug/l	98
39) Methylcyclohexane	9.191	83	185185	47.03	ug/l	99
40) Benzene	8.167	78	435070	48.41	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	54952m	44.03	ug/l	
42) 1,2-Dichloroethane	8.246	62	138890	49.27	ug/l	100
43) Isopropyl Acetate	8.283	43	202160	51.78	ug/l	100
44) Trichloroethene	8.947	130	120328	49.10	ug/l	95
45) 1,2-Dichloropropane	9.222	63	113854	49.09	ug/l	100
46) Dibromomethane	9.313	93	62915	49.82	ug/l	100
47) Bromodichloromethane	9.502	83	150736	49.30	ug/l	98
48) Methyl methacrylate	9.301	41	93592	52.06	ug/l	100
49) 1,4-Dioxane	9.307	88	18519	1122.87	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	530659	264.61	ug/l	100
52) Toluene	10.252	92	276879	47.61	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	169460	50.26	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	186366	48.67	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	86860	49.92	ug/l	99
56) Ethyl methacrylate	10.514	69	130391	51.68	ug/l	99
57) 1,3-Dichloropropane	10.795	76	156765	50.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	366276	283.70	ug/l	100
59) 2-Hexanone	10.837	43	370053	275.27	ug/l	100
60) Dibromochloromethane	10.990	129	103832	50.21	ug/l	99
61) 1,2-Dibromoethane	11.093	107	85432	50.93	ug/l	98
64) Tetrachloroethene	10.721	164	124408	49.39	ug/l	99
65) Chlorobenzene	11.520	112	282520	47.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	101928	48.37	ug/l	99
67) Ethyl Benzene	11.599	91	526665	47.68	ug/l	99
68) m/p-Xylenes	11.703	106	397672	96.88	ug/l	100
69) o-Xylene	12.032	106	184699	48.02	ug/l	99
70) Styrene	12.050	104	315503	49.52	ug/l	100
71) Bromoform	12.215	173	62962	50.38	ug/l #	99
73) Isopropylbenzene	12.331	105	504968	47.73	ug/l	100
74) N-amyl acetate	12.148	43	186698	52.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	100756	50.34	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	75459m	51.35	ug/l	
77) Bromobenzene	12.611	156	113473	47.85	ug/l	100
78) n-propylbenzene	12.672	91	599678	47.98	ug/l	99
79) 2-Chlorotoluene	12.764	91	330770	48.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	410585	47.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	41574	50.61	ug/l	97
82) 4-Chlorotoluene	12.855	91	351269	48.67	ug/l	100
83) tert-Butylbenzene	13.081	119	349071	47.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	416411	47.99	ug/l	100
85) sec-Butylbenzene	13.258	105	490881	47.81	ug/l	100
86) p-Isopropyltoluene	13.373	119	443013	47.44	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	215145	48.58	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	213284	47.84	ug/l	100
89) n-Butylbenzene	13.703	91	424083	47.58	ug/l	100
90) Hexachloroethane	13.965	117	55750	44.50	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	193651	49.26	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17838	49.67	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	125684	48.35	ug/l	99
94) Hexachlorobutadiene	15.117	225	64343	47.41	ug/l	99
95) Naphthalene	15.239	128	287341	50.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	111480	48.61	ug/l	100

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

