

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040721\
 Data File : VD068779.D
 Acq On : 07 Apr 2021 13:30
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD040721

Manual Integrations
 APPROVED

MMDadoda
 4/8/2021 3:08:21 PM

Quant Time: Apr 08 04:35:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	288026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	486995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	456614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	221480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	148008	48.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.24%		
35) Dibromofluoromethane	7.914	113	160837	50.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.56%		
50) Toluene-d8	10.338	98	623855	52.21	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.42%		
62) 4-Bromofluorobenzene	12.626	95	202409	51.00	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.00%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	149662	52.44	ug/l	98
3) Chloromethane	2.209	50	180210	53.71	ug/l	100
4) Vinyl Chloride	2.350	62	223576	53.04	ug/l	99
5) Bromomethane	2.768	94	168654	53.53	ug/l	99
6) Chloroethane	2.920	64	145540	52.54	ug/l	99
7) Trichlorofluoromethane	3.273	101	267626	53.96	ug/l	98
8) Diethyl Ether	3.715	74	74273	55.45	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	163813	54.73	ug/l	98
10) Methyl Iodide	4.297	142	163300	46.77	ug/l	99
11) Tert butyl alcohol	5.220	59	41094	254.89	ug/l #	87
12) 1,1-Dichloroethene	4.073	96	155936	54.09	ug/l	95
13) Acrolein	3.926	56	26016	217.14	ug/l	93
14) Allyl chloride	4.720	41	178475	54.93	ug/l	99
15) Acrylonitrile	5.420	53	149681	249.00	ug/l	95
16) Acetone	4.162	43	109467	259.69	ug/l	92
17) Carbon Disulfide	4.409	76	506386	54.27	ug/l	100
18) Methyl Acetate	4.720	43	58209	50.27	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	341588	53.40	ug/l	96
20) Methylene Chloride	4.967	84	183882	54.27	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	195099	52.70	ug/l	98
22) Diisopropyl ether	6.361	45	417052	52.98	ug/l	94
23) Vinyl Acetate	6.308	43	1118844	268.17	ug/l	100
24) 1,1-Dichloroethane	6.267	63	308291	51.94	ug/l	99
25) 2-Butanone	7.208	43	148840	249.53	ug/l	97
26) 2,2-Dichloropropane	7.208	77	243800	50.28	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	186767	50.76	ug/l	99
28) Bromochloromethane	7.544	49	104177	48.63	ug/l	98
29) Tetrahydrofuran	7.567	42	103331	257.59	ug/l	96
30) Chloroform	7.714	83	333577	51.34	ug/l	96
31) Cyclohexane	7.985	56	253537	50.06	ug/l	99
32) 1,1,1-Trichloroethane	7.908	97	288958	50.90	ug/l	97
36) 1,1-Dichloropropene	8.114	75	259107	52.56	ug/l	98
37) Ethyl Acetate	7.291	43	72955	50.39	ug/l #	94
38) Carbon Tetrachloride	8.097	117	255601	52.37	ug/l	96
39) Methylcyclohexane	9.355	83	322764	56.15	ug/l	98
40) Benzene	8.350	78	747261	51.81	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	43399m	50.63	ug/l	
42) 1,2-Dichloroethane	8.426	62	197534	51.80	ug/l	98
43) Isopropyl Acetate	8.455	43	151676	51.39	ug/l	99
44) Trichloroethene	9.114	130	208331	52.29	ug/l	91
45) 1,2-Dichloropropane	9.391	63	178074	51.68	ug/l	95
46) Dibromomethane	9.479	93	99705	51.95	ug/l	98
47) Bromodichloromethane	9.661	83	259782	51.81	ug/l	99
48) Methyl methacrylate	9.455	41	79664	54.77	ug/l	99
49) 1,4-Dioxane	9.461	88	21506	1058.36	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	390167	262.26	ug/l	99
52) Toluene	10.402	92	488843	53.52	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	223730	50.34	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	270381	50.86	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	138248	50.94	ug/l	98
56) Ethyl methacrylate	10.661	69	155018	55.49	ug/l	99
57) 1,3-Dichloropropane	10.944	76	232327	51.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	377037	253.28	ug/l	98
59) 2-Hexanone	10.985	43	265898	267.12	ug/l	99
60) Dibromochloromethane	11.138	129	174315	51.23	ug/l	100
61) 1,2-Dibromoethane	11.244	107	134137	50.86	ug/l	99
64) Tetrachloroethene	10.879	164	170733	53.34	ug/l	97
65) Chlorobenzene	11.667	112	523955	53.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	191764	53.96	ug/l	98
67) Ethyl Benzene	11.743	91	942343	55.06	ug/l	100
68) m/p-Xylenes	11.849	106	727533	110.16	ug/l	99
69) o-Xylene	12.179	106	336006	55.95	ug/l	99
70) Styrene	12.191	104	579891	55.40	ug/l	99
71) Bromoform	12.361	173	97908	51.43	ug/l #	99
73) Isopropylbenzene	12.479	105	918794	56.82	ug/l	99
74) N-amyl acetate	12.285	43	143004	52.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	153364	50.74	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	98073m	48.47	ug/l	
77) Bromobenzene	12.755	156	208532	53.64	ug/l	98
78) n-propylbenzene	12.820	91	1090851	55.54	ug/l	99
79) 2-Chlorotoluene	12.902	91	590924	53.86	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	754290	55.79	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	42390	48.62	ug/l	97
82) 4-Chlorotoluene	13.002	91	625775	53.80	ug/l	99
83) tert-Butylbenzene	13.220	119	632994	55.18	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	765305	56.05	ug/l	100
85) sec-Butylbenzene	13.396	105	912852	56.39	ug/l	99
86) p-Isopropyltoluene	13.514	119	841260	56.90	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	404494	52.52	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	399595	52.42	ug/l	99
89) n-Butylbenzene	13.838	91	801370	57.54	ug/l	99
90) Hexachloroethane	14.108	117	156874	53.27	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	345589	51.85	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	22853	49.74	ug/l	95
93) 1,2,4-Trichlorobenzene	15.155	180	219253	53.16	ug/l	99
94) Hexachlorobutadiene	15.261	225	130255	55.17	ug/l	98
95) Naphthalene	15.396	128	399676	55.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	191130	52.99	ug/l	97

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

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