

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060121\
 Data File : VD069282.D
 Acq On : 01 Jun 2021 14:37
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060121

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 6:46:36 PM

Quant Time: Jun 02 02:25:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	459663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	758638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	711436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	336413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	198269	44.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.90%		
35) Dibromofluoromethane	7.920	113	214175	44.96	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.92%		
50) Toluene-d8	10.338	98	785037	45.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.64%		
62) 4-Bromofluorobenzene	12.626	95	261332	46.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.08%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	232508	48.05	ug/l	100
3) Chloromethane	2.209	50	179721	49.20	ug/l	100
4) Vinyl Chloride	2.350	62	184896	49.69	ug/l	99
5) Bromomethane	2.773	94	140105	51.61	ug/l	96
6) Chloroethane	2.921	64	104522	49.22	ug/l	97
7) Trichlorofluoromethane	3.273	101	421946	48.75	ug/l	97
8) Diethyl Ether	3.715	74	115523	54.33	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	252156	49.47	ug/l	97
10) Methyl Iodide	4.303	142	249709	48.08	ug/l	98
11) Tert butyl alcohol	5.226	59	71342	265.46	ug/l	98
12) 1,1-Dichloroethene	4.073	96	239543	51.96	ug/l	96
13) Acrolein	3.926	56	78110	264.23	ug/l	97
14) Allyl chloride	4.715	41	295206	53.07	ug/l	99
15) Acrylonitrile	5.426	53	217748	262.67	ug/l	99
16) Acetone	4.156	43	166961	216.92	ug/l	100
17) Carbon Disulfide	4.409	76	778571	51.07	ug/l	99
18) Methyl Acetate	4.720	43	99390	47.72	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	462776	54.65	ug/l	95
20) Methylene Chloride	4.962	84	301388	54.06	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	280434	51.36	ug/l	99
22) Diisopropyl ether	6.367	45	587469	54.99	ug/l	97
23) Vinyl Acetate	6.309	43	1779138	260.13	ug/l	98
24) 1,1-Dichloroethane	6.261	63	454361	50.82	ug/l	99
25) 2-Butanone	7.214	43	265381	262.03	ug/l	93
26) 2,2-Dichloropropane	7.208	77	403522	48.98	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	308041	53.26	ug/l	97
28) Bromochloromethane	7.550	49	149055	48.09	ug/l	97
29) Tetrahydrofuran	7.561	42	156705	269.20	ug/l	100
30) Chloroform	7.714	83	490369	50.17	ug/l	99
31) Cyclohexane	7.985	56	345436	49.29	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	441489	50.05	ug/l	100
36) 1,1-Dichloropropene	8.114	75	378097	51.27	ug/l	100
37) Ethyl Acetate	7.291	43	127417	50.89	ug/l	97
38) Carbon Tetrachloride	8.097	117	396942	49.86	ug/l	93
39) Methylcyclohexane	9.355	83	424801	56.31	ug/l	95
40) Benzene	8.350	78	1078190	50.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	68496	56.35	ug/l	84
42) 1,2-Dichloroethane	8.426	62	280469	49.07	ug/l	99
43) Isopropyl Acetate	8.450	43	232626	51.05	ug/l	98
44) Trichloroethene	9.114	130	300853	51.70	ug/l	90
45) 1,2-Dichloropropane	9.391	63	259994	50.99	ug/l	97
46) Dibromomethane	9.479	93	146855	50.39	ug/l	96
47) Bromodichloromethane	9.661	83	376638	50.12	ug/l	92
48) Methyl methacrylate	9.455	41	108257	51.17	ug/l	89
49) 1,4-Dioxane	9.461	88	31546	1101.90	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	623650	264.98	ug/l	99
52) Toluene	10.402	92	714673	52.87	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	343311	51.15	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	405038	50.62	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	198738	49.16	ug/l	98
56) Ethyl methacrylate	10.661	69	229810	49.85	ug/l	98
57) 1,3-Dichloropropane	10.944	76	339147	51.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	508771	268.77	ug/l	100
59) 2-Hexanone	10.985	43	421015	267.60	ug/l	100
60) Dibromochloromethane	11.138	129	256591	50.37	ug/l	100
61) 1,2-Dibromoethane	11.244	107	196570	50.97	ug/l	100
64) Tetrachloroethene	10.873	164	244741	49.42	ug/l	95
65) Chlorobenzene	11.667	112	744784	51.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	273945	50.29	ug/l	99
67) Ethyl Benzene	11.744	91	1348480	53.99	ug/l	98
68) m/p-Xylenes	11.849	106	1053164	107.60	ug/l	100
69) o-Xylene	12.179	106	478040	55.22	ug/l	100
70) Styrene	12.191	104	833275	55.45	ug/l	100
71) Bromoform	12.355	173	146162	51.73	ug/l #	99
73) Isopropylbenzene	12.473	105	1302021	56.55	ug/l	100
74) N-amyl acetate	12.285	43	221227	54.41	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	217875	50.69	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	138107m	47.25	ug/l	
77) Bromobenzene	12.755	156	292851	52.82	ug/l	99
78) n-propylbenzene	12.814	91	1584096	56.10	ug/l	99
79) 2-Chlorotoluene	12.902	91	882315	54.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	1097369	56.28	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	69872	52.97	ug/l	96
82) 4-Chlorotoluene	13.002	91	909389	53.85	ug/l	100
83) tert-Butylbenzene	13.220	119	934395	57.22	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1102047	56.83	ug/l	99
85) sec-Butylbenzene	13.396	105	1362675	56.54	ug/l	99
86) p-Isopropyltoluene	13.508	119	1199832	56.93	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	586495	52.27	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	570860	51.05	ug/l	98
89) n-Butylbenzene	13.838	91	1107833	56.18	ug/l	99
90) Hexachloroethane	14.102	117	209479	52.32	ug/l	99
91) 1,2-Dichlorobenzene	13.885	146	506746	52.41	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	34130	49.85	ug/l	99
93) 1,2,4-Trichlorobenzene	15.155	180	320558	55.26	ug/l	98
94) Hexachlorobutadiene	15.255	225	192034	52.72	ug/l	98
95) Naphthalene	15.390	128	585890	50.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.585	180	279288	54.70	ug/l	98

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

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