

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070548.D
 Acq On : 04 Oct 2021 13:51
 Operator : VA/SY
 Sample : VD1004SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1004SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 6:02:49 PM

Quant Time: Oct 05 04:59:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	328397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	588890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	560243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	196521	46.61	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.22%		
35) Dibromofluoromethane	7.909	113	198890	47.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.90%		
50) Toluene-d8	10.332	98	767926	50.46	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.92%		
62) 4-Bromofluorobenzene	12.626	95	268378	50.46	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.92%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	72989	19.52	ug/l	99
3) Chloromethane	2.209	50	94310	18.70	ug/l	100
4) Vinyl Chloride	2.344	62	107700	20.84	ug/l	97
5) Bromomethane	2.756	94	69865	19.05	ug/l	99
6) Chloroethane	2.915	64	71406	20.72	ug/l	97
7) Trichlorofluoromethane	3.268	101	149394	21.86	ug/l	98
8) Diethyl Ether	3.709	74	38212	20.23	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	88208	20.78	ug/l	99
10) Methyl Iodide	4.303	142	73223	18.68	ug/l	99
11) Tert butyl alcohol	5.215	59	22185	46.53	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	75736	19.81	ug/l	92
13) Acrolein	3.926	56	11205	53.45	ug/l	91
14) Allyl chloride	4.709	41	110161	19.61	ug/l	97
15) Acrylonitrile	5.420	53	90284	100.30	ug/l	98
16) Acetone	4.162	43	73280	97.34	ug/l	96
17) Carbon Disulfide	4.409	76	253868	18.00	ug/l	97
18) Methyl Acetate	4.715	43	46260	21.53	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	169429	20.51	ug/l	99
20) Methylene Chloride	4.962	84	134268	24.99	ug/l	98
21) trans-1,2-Dichloroethene	5.468	96	88841	19.52	ug/l	97
22) Diisopropyl ether	6.362	45	240673	20.01	ug/l	99
23) Vinyl Acetate	6.303	43	523713	94.01	ug/l	96
24) 1,1-Dichloroethane	6.267	63	168698	19.83	ug/l	96
25) 2-Butanone	7.209	43	100247	100.03	ug/l	98
26) 2,2-Dichloropropane	7.203	77	145971	21.23	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	99639	20.38	ug/l	99
28) Bromochloromethane	7.544	49	57250	16.96	ug/l	98
29) Tetrahydrofuran	7.562	42	60936	94.72	ug/l	96
30) Chloroform	7.703	83	177742	20.38	ug/l	99
31) Cyclohexane	7.985	56	143008	19.69	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	154376	21.03	ug/l	99
36) 1,1-Dichloropropene	8.109	75	130586	20.75	ug/l	99
37) Ethyl Acetate	7.291	43	43606	18.53	ug/l	99
38) Carbon Tetrachloride	8.091	117	133014	21.37	ug/l	96
39) Methylcyclohexane	9.350	83	138482	19.69	ug/l	96
40) Benzene	8.350	78	375203	20.34	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	22541m	18.20	ug/l	
42) 1,2-Dichloroethane	8.426	62	99506	20.14	ug/l	98
43) Isopropyl Acetate	8.450	43	83500	19.19	ug/l	99
44) Trichloroethene	9.108	130	90584	20.55	ug/l	83
45) 1,2-Dichloropropane	9.379	63	97114	20.07	ug/l	97
46) Dibromomethane	9.473	93	51257	20.57	ug/l	96
47) Bromodichloromethane	9.656	83	127936	20.12	ug/l	99
48) Methyl methacrylate	9.450	41	39042	19.43	ug/l	98
49) 1,4-Dioxane	9.461	88	10687	428.15	ug/l #	95
51) 4-Methyl-2-Pentanone	10.226	43	225390	100.08	ug/l	100
52) Toluene	10.397	92	243355	21.83	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	114912	21.01	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	138375	20.79	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	68963	20.12	ug/l	95
56) Ethyl methacrylate	10.655	69	75210	20.10	ug/l	99
57) 1,3-Dichloropropane	10.944	76	119229	20.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	182193	101.00	ug/l	100
59) 2-Hexanone	10.979	43	150826	100.38	ug/l	99
60) Dibromochloromethane	11.132	129	83314	20.88	ug/l	97
61) 1,2-Dibromoethane	11.238	107	65645	20.82	ug/l	99
64) Tetrachloroethene	10.873	164	73575	21.57	ug/l	96
65) Chlorobenzene	11.661	112	242905	20.93	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.738	131	92250	21.70	ug/l	97
67) Ethyl Benzene	11.738	91	422053	21.09	ug/l	99
68) m/p-Xylenes	11.844	106	335110	43.35	ug/l	99
69) o-Xylene	12.173	106	148268	21.41	ug/l	98
70) Styrene	12.185	104	270332	22.34	ug/l	100
71) Bromoform	12.349	173	44394	21.13	ug/l #	97
73) Isopropylbenzene	12.473	105	396403	21.32	ug/l	100
74) N-amyl acetate	12.279	43	79653	19.66	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	80127	20.12	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	61230m	22.83	ug/l	
77) Bromobenzene	12.755	156	90805	21.17	ug/l	98
78) n-propylbenzene	12.808	91	513005	21.26	ug/l	99
79) 2-Chlorotoluene	12.897	91	299917	21.32	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	347942	21.68	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	22704	21.21	ug/l	97
82) 4-Chlorotoluene	12.997	91	320648	21.60	ug/l	99
83) tert-Butylbenzene	13.214	119	278012	21.60	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	339702	21.49	ug/l	99
85) sec-Butylbenzene	13.391	105	440532	21.53	ug/l	99
86) p-Isopropyltoluene	13.502	119	360256	21.91	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	187231	20.96	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	186393	20.79	ug/l	98
89) n-Butylbenzene	13.832	91	336679	20.54	ug/l	99
90) Hexachloroethane	14.096	117	73517	19.54	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	161231	20.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12628	21.17	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	85224	20.03	ug/l	99
94) Hexachlorobutadiene	15.249	225	55240	21.16	ug/l	93
95) Naphthalene	15.385	128	156165	20.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	74147	19.75	ug/l	99

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

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