

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070265.D
 Acq On : 26 Aug 2021 12:25
 Operator : VA/SY
 Sample : VD0826SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:46:13 PM

Quant Time: Aug 27 01:22:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	433475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	787748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	755459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	359895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266556	52.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.914	113	269866	53.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.332	98	1024905	51.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.626	95	340967	52.296	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	105254	21.701	ug/l	99
3) Chloromethane	2.209	50	138676	20.470	ug/l	98
4) Vinyl Chloride	2.344	62	140820	19.196	ug/l	94
5) Bromomethane	2.750	94	99292	22.299	ug/l	94
6) Chloroethane	2.909	64	98470	21.011	ug/l	97
7) Trichlorofluoromethane	3.268	101	179957	20.424	ug/l	93
8) Diethyl Ether	3.709	74	49450	19.611	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	115372	20.582	ug/l	98
10) Methyl Iodide	4.291	142	91608	17.874	ug/l	98
11) Tert butyl alcohol	5.226	59	24857	88.208	ug/l #	92
12) 1,1-Dichloroethene	4.062	96	99137	19.250	ug/l	98
13) Acrolein	3.921	56	20941	64.514	ug/l	96
14) Allyl chloride	4.715	41	147957	19.255	ug/l	97
15) Acrylonitrile	5.420	53	119803	102.462	ug/l	99
16) Acetone	4.156	43	87360	93.015	ug/l	99
17) Carbon Disulfide	4.403	76	349759	18.785	ug/l	98
18) Methyl Acetate	4.715	43	61236	21.869	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	207326	19.398	ug/l	100
20) Methylene Chloride	4.956	84	158227	19.795	ug/l	94
21) trans-1,2-Dichloroethene	5.468	96	117134	19.581	ug/l	94
22) Diisopropyl ether	6.362	45	331293	20.499	ug/l	98
23) Vinyl Acetate	6.303	43	690386	94.261	ug/l	99
24) 1,1-Dichloroethane	6.267	63	223320	20.197	ug/l	98
25) 2-Butanone	7.209	43	127594	99.422	ug/l	94
26) 2,2-Dichloropropane	7.203	77	171889	19.966	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	127724	20.105	ug/l	100
28) Bromochloromethane	7.544	49	95764	23.800	ug/l	96
29) Tetrahydrofuran	7.562	42	83739	99.648	ug/l	98
30) Chloroform	7.709	83	227066	20.881	ug/l	98
31) Cyclohexane	7.979	56	193105	19.136	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	188503	20.744	ug/l	98
36) 1,1-Dichloropropene	8.109	75	169970	20.057	ug/l	99
37) Ethyl Acetate	7.291	43	63832	20.737	ug/l	97
38) Carbon Tetrachloride	8.091	117	156846	20.386	ug/l	90
39) Methylcyclohexane	9.350	83	183943	18.643	ug/l	96
40) Benzene	8.344	78	501529	20.404	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	31182	18.737	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	131732	20.911	ug/l	98
43) Isopropyl Acetate	8.450	43	115061	20.022	ug/l	99
44) Trichloroethene	9.108	130	117406	19.772	ug/l	99
45) 1,2-Dichloropropane	9.385	63	133529	20.914	ug/l	96
46) Dibromomethane	9.473	93	65095	20.991	ug/l	97
47) Bromodichloromethane	9.656	83	163996	20.440	ug/l	97
48) Methyl methacrylate	9.456	41	52885	19.298	ug/l	97
49) 1,4-Dioxane	9.461	88	13461	398.862	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	301067	100.756	ug/l	97
52) Toluene	10.397	92	306691	20.499	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	144580	20.344	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	176509	20.463	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	91143	20.743	ug/l	95
56) Ethyl methacrylate	10.655	69	95264	19.052	ug/l	99
57) 1,3-Dichloropropane	10.938	76	153245	20.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	264472	100.284	ug/l	100
59) 2-Hexanone	10.979	43	196125	98.007	ug/l	97
60) Dibromochloromethane	11.132	129	102310	20.326	ug/l	100
61) 1,2-Dibromoethane	11.244	107	81464	20.480	ug/l	98
64) Tetrachloroethene	10.873	164	95850	19.667	ug/l	95
65) Chlorobenzene	11.667	112	311402	19.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	112751	20.115	ug/l	100
67) Ethyl Benzene	11.738	91	529652	18.979	ug/l	100
68) m/p-Xylenes	11.844	106	424768	39.275	ug/l	98
69) o-Xylene	12.173	106	187408	19.205	ug/l	99
70) Styrene	12.185	104	336511	19.689	ug/l	98
71) Bromoform	12.350	173	55573	20.349	ug/l #	98
73) Isopropylbenzene	12.473	105	493910	18.820	ug/l	99
74) N-amyl acetate	12.279	43	104838	18.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	104848	20.022	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	80725m	22.117	ug/l	
77) Bromobenzene	12.749	156	111724	19.180	ug/l	98
78) n-propylbenzene	12.814	91	659012	19.471	ug/l	100
79) 2-Chlorotoluene	12.897	91	381147	19.573	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	425366	19.038	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	26427	18.794	ug/l	92
82) 4-Chlorotoluene	12.997	91	397320	19.486	ug/l	100
83) tert-Butylbenzene	13.214	119	340703	18.761	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	430656	19.431	ug/l	99
85) sec-Butylbenzene	13.391	105	561967	19.314	ug/l	98
86) p-Isopropyltoluene	13.508	119	444810	18.922	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	238709	19.287	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	238381	19.446	ug/l	98
89) n-Butylbenzene	13.832	91	430583	18.666	ug/l	98
90) Hexachloroethane	14.102	117	99106	19.979	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	209626	19.766	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	14375	18.378	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	110510	18.738	ug/l	99
94) Hexachlorobutadiene	15.255	225	67758	19.450	ug/l	100
95) Naphthalene	15.385	128	193779	18.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	97079	18.857	ug/l	100

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

