

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069905.D
 Acq On : 29 Jul 2021 12:12
 Operator : VA/SY
 Sample : VD0729SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0729SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2021 6:19:55 PM

Quant Time: Jul 30 00:53:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	591222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1054390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	987197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	466613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	351968	51.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.520%	
35) Dibromofluoromethane	7.914	113	349400	52.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.140%	
50) Toluene-d8	10.338	98	1352722	52.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	12.626	95	460459	53.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	128973	20.726	ug/l	97
3) Chloromethane	2.209	50	179854	19.924	ug/l	100
4) Vinyl Chloride	2.344	62	193334	20.363	ug/l	98
5) Bromomethane	2.750	94	123963	21.023	ug/l	99
6) Chloroethane	2.909	64	126802	20.605	ug/l	93
7) Trichlorofluoromethane	3.268	101	239291	20.416	ug/l	99
8) Diethyl Ether	3.703	74	67629	20.513	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	154375	20.738	ug/l	99
10) Methyl Iodide	4.303	142	121331	18.828	ug/l	98
11) Tert butyl alcohol	5.221	59	38821	110.337	ug/l #	89
12) 1,1-Dichloroethene	4.068	96	136218	20.137	ug/l	92
13) Acrolein	3.921	56	45561	92.506	ug/l	95
14) Allyl chloride	4.715	41	201772	20.345	ug/l	98
15) Acrylonitrile	5.426	53	161665	104.239	ug/l	99
16) Acetone	4.156	43	128431	104.558	ug/l	99
17) Carbon Disulfide	4.409	76	485762	20.084	ug/l	99
18) Methyl Acetate	4.715	43	76547	21.478	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	293440	20.937	ug/l	99
20) Methylene Chloride	4.962	84	225472	21.777	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	161806	20.300	ug/l	98
22) Diisopropyl ether	6.362	45	466170	21.631	ug/l	95
23) Vinyl Acetate	6.309	43	1073633	103.541	ug/l	96
24) 1,1-Dichloroethane	6.268	63	303602	20.396	ug/l	98
25) 2-Butanone	7.209	43	177236	106.400	ug/l	98
26) 2,2-Dichloropropane	7.209	77	232203	20.515	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	174945	20.569	ug/l	97
28) Bromochloromethane	7.544	49	126957	22.464	ug/l	98
29) Tetrahydrofuran	7.562	42	112985	104.840	ug/l	97
30) Chloroform	7.709	83	304234	20.329	ug/l	97
31) Cyclohexane	7.985	56	272083	20.479	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	261286	21.093	ug/l	99
36) 1,1-Dichloropropene	8.109	75	230681	20.273	ug/l	99
37) Ethyl Acetate	7.291	43	88960	21.476	ug/l	98
38) Carbon Tetrachloride	8.091	117	210895	20.291	ug/l	98
39) Methylcyclohexane	9.356	83	261222	20.045	ug/l	97
40) Benzene	8.344	78	673182	20.421	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	49417	22.732	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	178011	20.419	ug/l	100
43) Isopropyl Acetate	8.450	43	159452	21.463	ug/l	100
44) Trichloroethene	9.109	130	162976	20.076	ug/l	99
45) 1,2-Dichloropropane	9.385	63	178783	20.647	ug/l	100
46) Dibromomethane	9.473	93	86849	20.405	ug/l	99
47) Bromodichloromethane	9.656	83	225117	20.358	ug/l	99
48) Methyl methacrylate	9.450	41	77971	21.375	ug/l	97
49) 1,4-Dioxane	9.456	88	20017	445.141	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	417783	108.066	ug/l	100
52) Toluene	10.397	92	418866	20.946	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	191984	20.683	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	232462	20.686	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	124930	20.781	ug/l	95
56) Ethyl methacrylate	10.656	69	135121	20.659	ug/l	98
57) 1,3-Dichloropropane	10.938	76	214190	21.056	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	307045	106.949	ug/l	99
59) 2-Hexanone	10.979	43	275837	107.867	ug/l	100
60) Dibromochloromethane	11.132	129	141753	20.820	ug/l	100
61) 1,2-Dibromoethane	11.244	107	114467	21.148	ug/l	97
64) Tetrachloroethene	10.867	164	133207	21.168	ug/l	97
65) Chlorobenzene	11.667	112	426120	20.834	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	153973	20.927	ug/l	98
67) Ethyl Benzene	11.738	91	745355	20.700	ug/l	100
68) m/p-Xylenes	11.850	106	591977	42.409	ug/l	98
69) o-Xylene	12.173	106	258790	20.393	ug/l	100
70) Styrene	12.185	104	473204	21.517	ug/l	100
71) Bromoform	12.350	173	76396	21.381	ug/l #	100
73) Isopropylbenzene	12.473	105	694651	20.719	ug/l	100
74) N-amyl acetate	12.279	43	151918	22.029	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	145242	21.693	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	94921m	19.138	ug/l	
77) Bromobenzene	12.750	156	156615	20.741	ug/l	99
78) n-propylbenzene	12.814	91	922718	21.428	ug/l	100
79) 2-Chlorotoluene	12.897	91	527820	21.103	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	609813	21.263	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	34485	21.093	ug/l	97
82) 4-Chlorotoluene	12.997	91	555536	21.245	ug/l	100
83) tert-Butylbenzene	13.214	119	486691	20.872	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	608142	21.494	ug/l	98
85) sec-Butylbenzene	13.391	105	782602	21.230	ug/l	100
86) p-Isopropyltoluene	13.508	119	625129	20.874	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	332584	20.979	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	330295	20.903	ug/l	99
89) n-Butylbenzene	13.832	91	605714	20.494	ug/l	99
90) Hexachloroethane	14.102	117	126653	19.965	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	290239	21.211	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	20203	20.955	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	153154	20.745	ug/l	99
94) Hexachlorobutadiene	15.249	225	90486	20.037	ug/l	99
95) Naphthalene	15.385	128	276448	21.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	135347	21.200	ug/l	98

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

