Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
Data File : VD069045.D
Acq On : 03 May 2021 16:46
Operator : VA/SY
Sample : VD0503SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBSD01

Manual Integrations APPROVED
MMDadoda
5/4/2021 5:35:27 PM

Quant Time: May 04 04:13:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
Quant Title : SW846 8260
QLast Update : Tue May 04 03:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	219992	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	385705	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	374028	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	185156	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	144301	51.94	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.88%				
35) Dibromofluoromethane	7.914	113	135393	53.08	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.16%				
50) Toluene-d8	10.338	98	499421	52.86	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.72%				
62) 4-Bromofluorobenzene	12.626	95	166911	52.34	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.68%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	53964	20.54	ug/l		98
3) Chloromethane	2.209	50	68162	20.75	ug/l		99
4) Vinyl Chloride	2.344	62	88207	21.50	ug/l		97
5) Bromomethane	2.738	94	49989	21.66	ug/l		99
6) Chloroethane	2.897	64	47197	21.09	ug/l		93
7) Trichlorofluoromethane	3.262	101	93736	20.29	ug/l		90
8) Diethyl Ether	3.703	74	24764	21.53	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.085	101	51037	20.28	ug/l		96
10) Methyl Iodide	4.297	142	37450	16.61	ug/l		95
11) Tert butyl alcohol	5.220	59	21970m	117.26	ug/l		
12) 1,1-Dichloroethene	4.056	96	46677	20.29	ug/l		98
13) Acrolein	3.920	56	18728	101.45	ug/l		98
14) Allyl chloride	4.703	41	60834	19.91	ug/l		89
15) Acrylonitrile	5.426	53	49778	97.05	ug/l		92
16) Acetone	4.162	43	41820	94.99	ug/l		90
17) Carbon Disulfide	4.397	76	149979	19.59	ug/l		100
18) Methyl Acetate	4.709	43	22899	19.78	ug/l		89
19) Methyl tert-butyl Ether	5.473	73	110050	20.59	ug/l		98
20) Methylene Chloride	4.956	84	66851	19.50	ug/l	#	94
21) trans-1,2-Dichloroethene	5.467	96	54956	20.16	ug/l		88
22) Diisopropyl ether	6.367	45	140965	20.78	ug/l		95
23) Vinyl Acetate	6.303	43	384958	98.54	ug/l		93
24) 1,1-Dichloroethane	6.261	63	96213	20.59	ug/l		97
25) 2-Butanone	7.208	43	60052	96.82	ug/l	#	87
26) 2,2-Dichloropropane	7.208	77	82292	19.21	ug/l		97
27) cis-1,2-Dichloroethene	7.208	96	56617	19.34	ug/l		89
28) Bromochloromethane	7.544	49	37960	19.43	ug/l		88
29) Tetrahydrofuran	7.561	42	38048	96.38	ug/l		90
30) Chloroform	7.708	83	105134	20.56	ug/l		99
31) Cyclohexane	7.979	56	77286	18.90	ug/l	#	89
32) 1,1,1-Trichloroethane	7.902	97	94146	20.16	ug/l		97
36) 1,1-Dichloropropene	8.108	75	75087	19.57	ug/l		98
37) Ethyl Acetate	7.291	43	30591	20.52	ug/l		96
38) Carbon Tetrachloride	8.091	117	84365	20.49	ug/l		94
39) Methylcyclohexane	9.355	83	83852	19.21	ug/l		95
40) Benzene	8.350	78	218632	19.95	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	16740m	19.51	ug/l		
42) 1,2-Dichloroethane	8.420	62	70481	20.31	ug/l		95
43) Isopropyl Acetate	8.450	43	55750	19.32	ug/l		95
44) Trichloroethene	9.114	130	55536	19.50	ug/l		91
45) 1,2-Dichloropropane	9.385	63	55250	20.49	ug/l		94
46) Dibromomethane	9.467	93	30613	19.49	ug/l		95
47) Bromodichloromethane	9.661	83	84088	20.21	ug/l		98
48) Methyl methacrylate	9.455	41	25865	18.63	ug/l		94
49) 1,4-Dioxane	9.455	88	7177	386.34	ug/l		95
51) 4-Methyl-2-Pentanone	10.226	43	145432	98.62	ug/l		91
52) Toluene	10.402	92	138527	19.94	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	72830	19.88	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	83014	19.73	ug/l	#	89
55) 1,1,2-Trichloroethane	10.796	97	41145	19.82	ug/l		87
56) Ethyl methacrylate	10.661	69	42817	18.67	ug/l	#	85
57) 1,3-Dichloropropane	10.944	76	72540	20.25	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	125647	102.10	ug/l		98
59) 2-Hexanone	10.985	43	99046	99.03	ug/l		89
60) Dibromochloromethane	11.132	129	53147	19.79	ug/l		99
61) 1,2-Dibromoethane	11.243	107	40051	20.00	ug/l		100
64) Tetrachloroethene	10.867	164	44990	19.54	ug/l		91
65) Chlorobenzene	11.667	112	149944	19.89	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.738	131	56680	19.75	ug/l		98
67) Ethyl Benzene	11.738	91	262170	19.43	ug/l		98
68) m/p-Xylenes	11.849	106	205587	40.68	ug/l		99
69) o-Xylene	12.179	106	91294	19.93	ug/l		95
70) Styrene	12.191	104	161661	20.04	ug/l		98
71) Bromoform	12.355	173	30851	21.14	ug/l	#	100
73) Isopropylbenzene	12.473	105	246746	19.24	ug/l		98
74) N-amyl acetate	12.285	43	50290	17.99	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.726	83	48839	19.74	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	35777m	20.24	ug/l		
77) Bromobenzene	12.755	156	61743	21.05	ug/l		98
78) n-propylbenzene	12.814	91	311904	19.90	ug/l		97
79) 2-Chlorotoluene	12.902	91	173895	19.88	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	210893	19.38	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	14402	19.29	ug/l		89
82) 4-Chlorotoluene	12.996	91	190000	20.12	ug/l		98
83) tert-Butylbenzene	13.220	119	172574	19.17	ug/l		96
84) 1,2,4-Trimethylbenzene	13.261	105	217163	19.66	ug/l		98
85) sec-Butylbenzene	13.396	105	244599	18.93	ug/l		99
86) p-Isopropyltoluene	13.508	119	225887	19.18	ug/l		97
87) 1,3-Dichlorobenzene	13.514	146	113587	19.06	ug/l		96
88) 1,4-Dichlorobenzene	13.590	146	116001	19.60	ug/l		96
89) n-Butylbenzene	13.837	91	217162	19.22	ug/l		98
90) Hexachloroethane	14.102	117	47842	20.00	ug/l		92
91) 1,2-Dichlorobenzene	13.879	146	103057	20.11	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	8604	20.55	ug/l		80
93) 1,2,4-Trichlorobenzene	15.155	180	59773	19.07	ug/l		97
94) Hexachlorobutadiene	15.255	225	32147	18.22	ug/l		97
95) Naphthalene	15.390	128	111464	18.89	ug/l		99
96) 1,2,3-Trichlorobenzene	15.584	180	53576	19.64	ug/l		97

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

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