Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072321\
Data File : VD069839.D
Acq On : 23 Jul 2021 20:07
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
7/26/2021 5:19:09 PM

Quant Time: Jul 24 01:37:11 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	558611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1020438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	994649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	468225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	335322	52.194	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.914	113	339413	52.763	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.520%			
50) Toluene-d8	10.338	98	1309467	52.791	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.626	95	444861	53.664	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	257541	43.802	ug/l	98
3) Chloromethane	2.209	50	405109	47.498	ug/l	95
4) Vinyl Chloride	2.344	62	425312	47.411	ug/l	99
5) Bromomethane	2.762	94	286230	54.246	ug/l	99
6) Chloroethane	2.921	64	290337	49.933	ug/l	100
7) Trichlorofluoromethane	3.273	101	517296	46.711	ug/l	99
8) Diethyl Ether	3.709	74	169449	54.397	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	331949	47.196	ug/l	99
10) Methyl Iodide	4.297	142	342656	49.389	ug/l	99
11) Tert butyl alcohol	5.226	59	84072	252.898	ug/l	99
12) 1,1-Dichloroethene	4.068	96	314764	49.249	ug/l	99
13) Acrolein	3.921	56	104245	224.012	ug/l	99
14) Allyl chloride	4.715	41	484889	51.746	ug/l	99
15) Acrylonitrile	5.420	53	406314	277.280	ug/l	99
16) Acetone	4.162	43	273644	235.785	ug/l	97
17) Carbon Disulfide	4.409	76	1108654	48.514	ug/l	99
18) Methyl Acetate	4.720	43	171465	50.919	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	750180	56.651	ug/l	100
20) Methylene Chloride	4.968	84	504498	61.467	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	398789	52.952	ug/l	99
22) Diisopropyl ether	6.362	45	1176432	57.775	ug/l	98
23) Vinyl Acetate	6.303	43	2896253	257.871	ug/l	98
24) 1,1-Dichloroethane	6.262	63	743966	52.898	ug/l	99
25) 2-Butanone	7.209	43	431654	274.263	ug/l	99
26) 2,2-Dichloropropane	7.209	77	525839	49.170	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	441478	54.936	ug/l	97
28) Bromochloromethane	7.544	49	296163	55.464	ug/l	99
29) Tetrahydrofuran	7.567	42	296888	291.569	ug/l	98
30) Chloroform	7.709	83	749584	53.010	ug/l	94
31) Cyclohexane	7.985	56	586614	46.731	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	590433	50.446	ug/l	98
36) 1,1-Dichloropropene	8.114	75	536358	48.706	ug/l	99
37) Ethyl Acetate	7.291	43	213218	53.185	ug/l	100
38) Carbon Tetrachloride	8.097	117	488455	48.559	ug/l	99
39) Methylcyclohexane	9.355	83	606434	48.084	ug/l	96
40) Benzene	8.350	78	1664959	52.188	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	122779	58.359	ug/l		89
42) 1,2-Dichloroethane	8.420	62	435699	51.640	ug/l		99
43) Isopropyl Acetate	8.450	43	382442	53.191	ug/l		99
44) Trichloroethene	9.108	130	386685	49.217	ug/l		98
45) 1,2-Dichloropropane	9.385	63	438903	52.375	ug/l		99
46) Dibromomethane	9.473	93	221385	53.745	ug/l		97
47) Bromodichloromethane	9.661	83	570777	53.333	ug/l		97
48) Methyl methacrylate	9.456	41	195259	50.949	ug/l		99
49) 1,4-Dioxane	9.456	88	48931	1124.340	ug/l		97
51) 4-Methyl-2-Pentanone	10.226	43	1056803	282.454	ug/l		99
52) Toluene	10.403	92	1041211	53.801	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	475854	52.971	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	568604	52.282	ug/l		97
55) 1,1,2-Trichloroethane	10.797	97	306939	52.755	ug/l		96
56) Ethyl methacrylate	10.655	69	368632	51.149	ug/l		96
57) 1,3-Dichloropropane	10.944	76	541706	55.024	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.938	63	794113	250.905	ug/l		99
59) 2-Hexanone	10.979	43	716433	289.486	ug/l		100
60) Dibromochloromethane	11.138	129	356198	54.058	ug/l		99
61) 1,2-Dibromoethane	11.244	107	284317	54.276	ug/l		99
64) Tetrachloroethene	10.873	164	304606	48.042	ug/l		96
65) Chlorobenzene	11.667	112	1063411	51.604	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	389575	52.552	ug/l		99
67) Ethyl Benzene	11.738	91	1912473	52.714	ug/l		99
68) m/p-Xylenes	11.849	106	1514973	107.718	ug/l		99
69) o-Xylene	12.173	106	686178	53.666	ug/l		98
70) Styrene	12.191	104	1241125	56.012	ug/l		100
71) Bromoform	12.355	173	190616	52.947	ug/l	#	99
73) Isopropylbenzene	12.473	105	1784887	53.054	ug/l		99
74) N-amyl acetate	12.279	43	378934	54.759	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.726	83	350196	52.123	ug/l		100
76) 1,2,3-Trichloropropane	12.773	75	247755m	49.781	ug/l		
77) Bromobenzene	12.755	156	396136	52.280	ug/l		98
78) n-propylbenzene	12.814	91	2242768	51.904	ug/l		100
79) 2-Chlorotoluene	12.902	91	1312783	52.305	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	1523833	52.949	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	88736	54.090	ug/l		97
82) 4-Chlorotoluene	12.996	91	1376827	52.471	ug/l		99
83) tert-Butylbenzene	13.214	119	1222462	52.246	ug/l		100
84) 1,2,4-Trimethylbenzene	13.261	105	1552672	54.688	ug/l		98
85) sec-Butylbenzene	13.391	105	1893088	51.178	ug/l		100
86) p-Isopropyltoluene	13.508	119	1559539	51.896	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	799342	50.247	ug/l		100
88) 1,4-Dichlorobenzene	13.585	146	790271	49.841	ug/l		99
89) n-Butylbenzene	13.832	91	1472122	49.637	ug/l		100
90) Hexachloroethane	14.102	117	317908	49.941	ug/l		98
91) 1,2-Dichlorobenzene	13.879	146	718192	52.307	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	48919	50.565	ug/l		97
93) 1,2,4-Trichlorobenzene	15.149	180	384321	51.879	ug/l		97
94) Hexachlorobutadiene	15.255	225	214760	47.392	ug/l		98
95) Naphthalene	15.390	128	724328	47.596	ug/l		100
96) 1,2,3-Trichlorobenzene	15.579	180	345928	53.997	ug/l		98

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

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

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