Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
Data File : VD070513.D
Acq On : 28 Sep 2021 20:13
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
9/29/2021 6:32:22 PM

Quant Time: Sep 28 23:45:58 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	7.973	168	421351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	738243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	724159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	338564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245271	45.335	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.660%			
35) Dibromofluoromethane	7.908	113	257308	48.965	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.940%			
50) Toluene-d8	10.338	98	968317	50.752	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.626	95	350721	52.598	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	177282	41.314	ug/l	95
3) Chloromethane	2.209	50	256764	44.611	ug/l	98
4) Vinyl Chloride	2.344	62	273427	41.244	ug/l	99
5) Bromomethane	2.756	94	188503	46.458	ug/l	96
6) Chloroethane	2.914	64	188735	46.796	ug/l	99
7) Trichlorofluoromethane	3.267	101	380296	43.371	ug/l	95
8) Diethyl Ether	3.709	74	118969	49.080	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	239539	43.979	ug/l	99
10) Methyl Iodide	4.297	142	222769	42.873	ug/l	99
11) Tert butyl alcohol	5.220	59	61395	100.364	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	218441	44.531	ug/l	98
13) Acrolein	3.920	56	46688	173.592	ug/l	97
14) Allyl chloride	4.708	41	319159	44.276	ug/l	98
15) Acrylonitrile	5.414	53	278394	241.049	ug/l	98
16) Acetone	4.156	43	203135	210.302	ug/l	89
17) Carbon Disulfide	4.403	76	717460	39.641	ug/l	97
18) Methyl Acetate	4.720	43	144063	54.480	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	544443	51.358	ug/l	99
20) Methylene Chloride	4.961	84	324453	54.571	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	276443	47.341	ug/l	99
22) Diisopropyl ether	6.361	45	766550	49.684	ug/l	98
23) Vinyl Acetate	6.303	43	1659935	232.239	ug/l	98
24) 1,1-Dichloroethane	6.261	63	505514	46.307	ug/l	98
25) 2-Butanone	7.208	43	299434	232.879	ug/l	94
26) 2,2-Dichloropropane	7.208	77	381014	43.180	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	308675	49.209	ug/l	99
28) Bromochloromethane	7.544	49	217724	50.266	ug/l	99
29) Tetrahydrofuran	7.561	42	198725	240.764	ug/l	98
30) Chloroform	7.702	83	536506	47.938	ug/l	96
31) Cyclohexane	7.985	56	383216	41.119	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	439076	46.611	ug/l	99
36) 1,1-Dichloropropene	8.108	75	377076	47.786	ug/l	99
37) Ethyl Acetate	7.291	43	143560	48.653	ug/l	97
38) Carbon Tetrachloride	8.091	117	373591	47.871	ug/l	98
39) Methylcyclohexane	9.349	83	409009	46.398	ug/l	95
40) Benzene	8.344	78	1145823	49.551	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	75622	48.711	ug/l		95
42) 1,2-Dichloroethane	8.420	62	296846	47.929	ug/l		99
43) Isopropyl Acetate	8.449	43	259074	47.486	ug/l		99
44) Trichloroethene	9.108	130	281168	50.876	ug/l		89
45) 1,2-Dichloropropane	9.385	63	297067	48.965	ug/l		97
46) Dibromomethane	9.467	93	153549	49.149	ug/l		98
47) Bromodichloromethane	9.655	83	398085	49.947	ug/l		98
48) Methyl methacrylate	9.449	41	129106	51.252	ug/l		97
49) 1,4-Dioxane	9.455	88	34134	1090.847	ug/l		97
51) 4-Methyl-2-Pentanone	10.220	43	719980	255.027	ug/l		99
52) Toluene	10.396	92	730501	52.282	ug/l		100
53) t-1,3-Dichloropropene	10.614	75	332856	48.549	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	395083	47.351	ug/l		97
55) 1,1,2-Trichloroethane	10.791	97	217447	50.595	ug/l		97
56) Ethyl methacrylate	10.655	69	254311	54.204	ug/l		99
57) 1,3-Dichloropropane	10.938	76	376291	51.428	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.938	63	569359	251.782	ug/l		100
59) 2-Hexanone	10.979	43	481804	255.789	ug/l		99
60) Dibromochloromethane	11.132	129	261670	52.317	ug/l		98
61) 1,2-Dibromoethane	11.238	107	204862	51.830	ug/l		97
64) Tetrachloroethene	10.867	164	233310	52.917	ug/l		98
65) Chlorobenzene	11.661	112	758581	50.566	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	278749	50.733	ug/l		99
67) Ethyl Benzene	11.738	91	1365741	52.787	ug/l		100
68) m/p-Xylenes	11.843	106	1069150	106.996	ug/l		99
69) o-Xylene	12.173	106	519142	57.992	ug/l		97
70) Styrene	12.185	104	885952	56.653	ug/l		99
71) Bromoform	12.349	173	140256	51.649	ug/l	#	99
73) Isopropylbenzene	12.473	105	1320452	55.614	ug/l		100
74) N-amyl acetate	12.279	43	331884	64.154	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	259277	50.986	ug/l		92
76) 1,2,3-Trichloropropane	12.773	75	159225m	46.494	ug/l		
77) Bromobenzene	12.749	156	290834	53.093	ug/l		98
78) n-propylbenzene	12.808	91	1641448	53.265	ug/l		100
79) 2-Chlorotoluene	12.896	91	950375	52.909	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	1115124	54.419	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	61618	45.082	ug/l		89
82) 4-Chlorotoluene	12.996	91	977726	51.596	ug/l		99
83) tert-Butylbenzene	13.214	119	954556	58.083	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	1112455	55.130	ug/l		99
85) sec-Butylbenzene	13.390	105	1412441	54.068	ug/l		99
86) p-Isopropyltoluene	13.502	119	1153048	54.935	ug/l		100
87) 1,3-Dichlorobenzene	13.502	146	578281	50.706	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	565322	49.385	ug/l		100
89) n-Butylbenzene	13.832	91	1080184	51.617	ug/l		99
90) Hexachloroethane	14.096	117	224607	46.747	ug/l		98
91) 1,2-Dichlorobenzene	13.879	146	500902	49.779	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	36823	48.350	ug/l		99
93) 1,2,4-Trichlorobenzene	15.143	180	280017	51.532	ug/l		98
94) Hexachlorobutadiene	15.249	225	165519	49.660	ug/l		99
95) Naphthalene	15.384	128	521133	52.771	ug/l		98
96) 1,2,3-Trichlorobenzene	15.573	180	245205	51.145	ug/l		100

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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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