Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD093021\
Data File : VD070534.D
Acq On : 30 Sep 2021 11:26
Operator : VA/SY
Sample : VD0930SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0930SBS01

Manual Integrations APPROVED
apatel
10/1/2021 10:48:34 AM

Quant Time: Oct 01 02:03:16 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	7.979	168	327957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	593930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	561191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	262210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	204162	48.483	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.960%			
35) Dibromofluoromethane	7.908	113	213855	50.585	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.160%			
50) Toluene-d8	10.332	98	805517	52.478	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.620	95	278786	51.969	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	74337	20.001	ug/l	98
3) Chloromethane	2.209	50	95931	19.124	ug/l	99
4) Vinyl Chloride	2.350	62	106561	20.651	ug/l	99
5) Bromomethane	2.750	94	74727	20.810	ug/l	96
6) Chloroethane	2.921	64	70528	20.446	ug/l	92
7) Trichlorofluoromethane	3.273	101	145455	21.312	ug/l	94
8) Diethyl Ether	3.703	74	39807	21.099	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	91224	21.518	ug/l	98
10) Methyl Iodide	4.297	142	69558	17.815	ug/l	98
11) Tert butyl alcohol	5.220	59	19998	42.001	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	77543	20.309	ug/l	95
13) Acrolein	3.920	56	11913	56.908	ug/l	96
14) Allyl chloride	4.715	41	108299	19.302	ug/l	98
15) Acrylonitrile	5.420	53	88396	98.334	ug/l	99
16) Acetone	4.150	43	67464	89.734	ug/l	100
17) Carbon Disulfide	4.409	76	258343	18.339	ug/l	97
18) Methyl Acetate	4.720	43	42345	19.602	ug/l	100
19) Methyl tert-butyl Ether	5.467	73	166021	20.121	ug/l	99
20) Methylene Chloride	4.962	84	103309	17.301	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	92755	20.408	ug/l	96
22) Diisopropyl ether	6.362	45	246630	20.537	ug/l	97
23) Vinyl Acetate	6.309	43	527860	94.883	ug/l	99
24) 1,1-Dichloroethane	6.267	63	171433	20.176	ug/l	99
25) 2-Butanone	7.214	43	93493	93.419	ug/l	100
26) 2,2-Dichloropropane	7.203	77	141470	20.598	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	99966	20.475	ug/l	100
28) Bromochloromethane	7.544	49	61489	18.239	ug/l	98
29) Tetrahydrofuran	7.556	42	59620	92.802	ug/l	98
30) Chloroform	7.708	83	177443	20.370	ug/l	99
31) Cyclohexane	7.985	56	144170	19.875	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	155825	21.253	ug/l	99
36) 1,1-Dichloropropene	8.114	75	129838	20.452	ug/l	98
37) Ethyl Acetate	7.291	43	46193	19.459	ug/l	99
38) Carbon Tetrachloride	8.097	117	138881	22.120	ug/l	97
39) Methylcyclohexane	9.355	83	141630	19.970	ug/l	97
40) Benzene	8.350	78	384540	20.670	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	22804	18.258	ug/l		94
42) 1,2-Dichloroethane	8.420	62	100504	20.170	ug/l		98
43) Isopropyl Acetate	8.450	43	83706	19.071	ug/l		99
44) Trichloroethene	9.108	130	91336	20.542	ug/l		93
45) 1,2-Dichloropropane	9.385	63	101614	20.819	ug/l		100
46) Dibromomethane	9.473	93	49414	19.660	ug/l		98
47) Bromodichloromethane	9.655	83	132330	20.637	ug/l		99
48) Methyl methacrylate	9.450	41	36837	18.177	ug/l		93
49) 1,4-Dioxane	9.455	88	10254	407.318	ug/l		94
51) 4-Methyl-2-Pentanone	10.220	43	221409	97.482	ug/l		97
52) Toluene	10.397	92	242335	21.558	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	117309	21.268	ug/l		96
54) cis-1,3-Dichloropropene	10.085	75	142706	21.259	ug/l		99
55) 1,1,2-Trichloroethane	10.797	97	71617	20.713	ug/l		97
56) Ethyl methacrylate	10.655	69	74342	19.695	ug/l		95
57) 1,3-Dichloropropane	10.938	76	120576	20.483	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.938	63	203943	112.102	ug/l		98
59) 2-Hexanone	10.979	43	143960	94.999	ug/l		99
60) Dibromochloromethane	11.138	129	82451	20.490	ug/l		95
61) 1,2-Dibromoethane	11.244	107	64551	20.300	ug/l		99
64) Tetrachloroethene	10.867	164	74486	21.800	ug/l		96
65) Chlorobenzene	11.661	112	245705	21.135	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.738	131	93889	22.050	ug/l		98
67) Ethyl Benzene	11.738	91	428777	21.385	ug/l		100
68) m/p-Xylenes	11.849	106	347241	44.842	ug/l		100
69) o-Xylene	12.173	106	151267	21.805	ug/l		95
70) Styrene	12.185	104	268211	22.132	ug/l		98
71) Bromoform	12.349	173	44236	21.020	ug/l	#	98
73) Isopropylbenzene	12.473	105	405215	22.036	ug/l		100
74) N-amyl acetate	12.279	43	78416	19.572	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.720	83	80261	20.379	ug/l		97
76) 1,2,3-Trichloropropane	12.773	75	51926m	19.578	ug/l		
77) Bromobenzene	12.755	156	89820	21.172	ug/l		99
78) n-propylbenzene	12.808	91	526814	22.073	ug/l		99
79) 2-Chlorotoluene	12.896	91	303402	21.809	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	354416	22.332	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	22521	21.275	ug/l		98
82) 4-Chlorotoluene	12.996	91	322785	21.994	ug/l		98
83) tert-Butylbenzene	13.214	119	286637	22.520	ug/l		98
84) 1,2,4-Trimethylbenzene	13.261	105	350040	22.398	ug/l		99
85) sec-Butylbenzene	13.391	105	451112	22.297	ug/l		99
86) p-Isopropyltoluene	13.502	119	366449	22.543	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	190370	21.553	ug/l		97
88) 1,4-Dichlorobenzene	13.585	146	187894	21.193	ug/l		99
89) n-Butylbenzene	13.832	91	345989	21.348	ug/l		99
90) Hexachloroethane	14.102	117	76371	20.523	ug/l		99
91) 1,2-Dichlorobenzene	13.879	146	164812	21.148	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12513	21.214	ug/l		88
93) 1,2,4-Trichlorobenzene	15.143	180	86305	20.508	ug/l		100
94) Hexachlorobutadiene	15.255	225	53384	20.681	ug/l		98
95) Naphthalene	15.385	128	150635	19.695	ug/l		100
96) 1,2,3-Trichlorobenzene	15.573	180	72744	19.591	ug/l		97

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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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