Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
Data File : VD068341.D
Acq On : 10 Feb 2021 12:41
Operator : VA/SY
Sample : VD0210SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 11 00:10:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	346857	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	620946	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	569565	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260852	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	156692	47.22	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.44%				
35) Dibromofluoromethane	7.914	113	161210	46.96	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.92%				
50) Toluene-d8	10.344	98	579866	42.23	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.46%				
62) 4-Bromofluorobenzene	12.632	95	215229	43.52	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 87.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	83067	20.16	ug/l		94
3) Chloromethane	2.209	50	99696	22.47	ug/l		96
4) Vinyl Chloride	2.356	62	108550	21.99	ug/l		98
5) Bromomethane	2.762	94	80006	23.64	ug/l		92
6) Chloroethane	2.920	64	72016	23.89	ug/l		98
7) Trichlorofluoromethane	3.279	101	136192	21.02	ug/l		99
8) Diethyl Ether	3.714	74	42377	22.22	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.103	101	84381	22.33	ug/l		93
10) Methyl Iodide	4.303	142	74578	19.65	ug/l		93
11) Tert butyl alcohol	5.220	59	21829	11.20	ug/l		98
12) 1,1-Dichloroethene	4.073	96	80813	21.27	ug/l		92
13) Acrolein	3.926	56	24580	94.00	ug/l		97
14) Allyl chloride	4.720	41	110883	20.06	ug/l		98
15) Acrylonitrile	5.426	53	92196	122.02	ug/l		99
16) Acetone	4.161	43	67011	113.11	ug/l		95
17) Carbon Disulfide	4.414	76	236909	19.36	ug/l		97
18) Methyl Acetate	4.714	43	37260	24.23	ug/l		93
19) Methyl tert-butyl Ether	5.473	73	198122	22.55	ug/l		97
20) Methylene Chloride	4.973	84	106840	23.73	ug/l		90
21) trans-1,2-Dichloroethene	5.473	96	93173	21.36	ug/l		93
22) Diisopropyl ether	6.367	45	253394	22.72	ug/l	#	91
23) Vinyl Acetate	6.308	43	659293	110.89	ug/l		96
24) 1,1-Dichloroethane	6.267	63	167883	23.23	ug/l		98
25) 2-Butanone	7.214	43	99739	111.81	ug/l		96
26) 2,2-Dichloropropane	7.208	77	135004	19.74	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	108780	22.97	ug/l		94
28) Bromochloromethane	7.550	49	59600	24.21	ug/l	#	77
29) Tetrahydrofuran	7.561	42	65604	113.45	ug/l		96
30) Chloroform	7.708	83	170712	23.38	ug/l		91
31) Cyclohexane	7.985	56	140971	19.62	ug/l		96
32) 1,1,1-Trichloroethane	7.908	97	145754	22.15	ug/l		96
36) 1,1-Dichloropropene	8.114	75	131534	21.01	ug/l		95
37) Ethyl Acetate	7.297	43	49220	22.22	ug/l	#	94
38) Carbon Tetrachloride	8.102	117	124079	21.17	ug/l		97
39) Methylcyclohexane	9.355	83	161065	19.67	ug/l		97
40) Benzene	8.350	78	384037	21.93	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	31701	23.71	ug/l	#	87
42) 1,2-Dichloroethane	8.426	62	104473	22.33	ug/l		99
43) Isopropyl Acetate	8.455	43	91680	19.86	ug/l		98
44) Trichloroethene	9.114	130	102958	21.41	ug/l		95
45) 1,2-Dichloropropane	9.391	63	96401	22.48	ug/l		93
46) Dibromomethane	9.473	93	50196	23.11	ug/l		91
47) Bromodichloromethane	9.667	83	132897	22.67	ug/l	#	96
48) Methyl methacrylate	9.461	41	47527	20.69	ug/l		94
49) 1,4-Dioxane	9.467	88	10723	421.19	ug/l		93
51) 4-Methyl-2-Pentanone	10.232	43	231994	108.12	ug/l		98
52) Toluene	10.402	92	244253	21.41	ug/l		97
53) t-1,3-Dichloropropene	10.620	75	123701	20.85	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	151507	21.45	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	70786	22.99	ug/l		92
56) Ethyl methacrylate	10.661	69	86156	21.01	ug/l		94
57) 1,3-Dichloropropane	10.949	76	125209	23.05	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	222476	117.55	ug/l		92
59) 2-Hexanone	10.985	43	153481	103.19	ug/l		100
60) Dibromochloromethane	11.138	129	85819	22.23	ug/l		97
61) 1,2-Dibromoethane	11.243	107	68918	22.69	ug/l		100
64) Tetrachloroethene	10.879	164	80059	19.94	ug/l		94
65) Chlorobenzene	11.673	112	261731	21.63	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.743	131	89324	20.98	ug/l		96
67) Ethyl Benzene	11.743	91	471206	21.03	ug/l		96
68) m/p-Xylenes	11.855	106	356121	42.10	ug/l		99
69) o-Xylene	12.179	106	165374	21.05	ug/l		96
70) Styrene	12.196	104	282885	21.09	ug/l		98
71) Bromoform	12.361	173	46410	21.51	ug/l	#	100
73) Isopropylbenzene	12.479	105	453247	20.88	ug/l		97
74) N-amyl acetate	12.285	43	84560	18.74	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.732	83	77113	22.34	ug/l		98
76) 1,2,3-Trichloropropane	12.779	75	45999m	18.24	ug/l		
77) Bromobenzene	12.761	156	99319	21.34	ug/l		88
78) n-propylbenzene	12.820	91	531034	20.68	ug/l		97
79) 2-Chlorotoluene	12.908	91	296511	20.57	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	366186	20.26	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	24141	19.37	ug/l		96
82) 4-Chlorotoluene	13.002	91	308148	20.55	ug/l		99
83) tert-Butylbenzene	13.226	119	312855	20.42	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	369517	20.59	ug/l		98
85) sec-Butylbenzene	13.402	105	439976	20.53	ug/l		99
86) p-Isopropyltoluene	13.514	119	392987	20.17	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	194050	21.69	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	191407	21.71	ug/l		98
89) n-Butylbenzene	13.843	91	377750	20.20	ug/l		99
90) Hexachloroethane	14.108	117	69805	19.83	ug/l		90
91) 1,2-Dichlorobenzene	13.890	146	167343	21.84	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	11580	20.49	ug/l		79
93) 1,2,4-Trichlorobenzene	15.161	180	110672	21.06	ug/l		100
94) Hexachlorobutadiene	15.267	225	56284	19.32	ug/l		99
95) Naphthalene	15.396	128	207500	21.06	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	95138	21.47	ug/l		99

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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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