Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
Data File : VD068012.D
Acq On : 06 Jan 2021 12:35
Operator : VA/SY
Sample : VD0106SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 07 00:09:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	259681	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	445369	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	410650	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	195049	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	142466	50.81	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.62%				
35) Dibromofluoromethane	7.914	113	145888	51.99	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.98%				
50) Toluene-d8	10.344	98	529201	50.17	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.34%				
62) 4-Bromofluorobenzene	12.632	95	187100	51.86	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	48193	18.22	ug/l		98
3) Chloromethane	2.209	50	63232	17.49	ug/l		99
4) Vinyl Chloride	2.350	62	61143	18.15	ug/l		97
5) Bromomethane	2.762	94	44421	17.82	ug/l		95
6) Chloroethane	2.921	64	39082	18.87	ug/l		97
7) Trichlorofluoromethane	3.274	101	101018	20.34	ug/l		96
8) Diethyl Ether	3.715	74	27563	19.36	ug/l		92
9) 1,1,2-Trichlorotrifluo...	4.091	101	60338	20.38	ug/l		98
10) Methyl Iodide	4.303	142	53728	20.27	ug/l		97
11) Tert butyl alcohol	5.203	59	18086m	71.12	ug/l		
12) 1,1-Dichloroethene	4.068	96	57658	20.31	ug/l		88
13) Acrolein	3.932	56	14716	73.74	ug/l		95
14) Allyl chloride	4.715	41	90429	17.91	ug/l		96
15) Acrylonitrile	5.420	53	61996	90.95	ug/l		98
16) Acetone	4.156	43	51974	97.08	ug/l		99
17) Carbon Disulfide	4.409	76	189269	19.13	ug/l		98
18) Methyl Acetate	4.715	43	28450	17.98	ug/l		99
19) Methyl tert-butyl Ether	5.473	73	110721	18.76	ug/l	#	89
20) Methylene Chloride	4.968	84	76643	17.26	ug/l		98
21) trans-1,2-Dichloroethene	5.473	96	66378	19.56	ug/l		95
22) Diisopropyl ether	6.362	45	188632	18.55	ug/l		93
23) Vinyl Acetate	6.309	43	470352	91.01	ug/l		97
24) 1,1-Dichloroethane	6.268	63	121144	19.68	ug/l		95
25) 2-Butanone	7.209	43	68207	86.39	ug/l		92
26) 2,2-Dichloropropane	7.215	77	100239	20.67	ug/l		99
27) cis-1,2-Dichloroethene	7.209	96	70473	19.44	ug/l		98
28) Bromochloromethane	7.550	49	45398	19.56	ug/l		96
29) Tetrahydrofuran	7.567	42	47477	88.89	ug/l		97
30) Chloroform	7.714	83	118635	19.68	ug/l		99
31) Cyclohexane	7.985	56	104374	18.21	ug/l	#	80
32) 1,1,1-Trichloroethane	7.903	97	106052	20.54	ug/l		97
36) 1,1-Dichloropropene	8.114	75	93631	19.78	ug/l		98
37) Ethyl Acetate	7.291	43	32921	17.19	ug/l	#	93
38) Carbon Tetrachloride	8.097	117	93866	20.76	ug/l		97
39) Methylcyclohexane	9.356	83	101793	18.75	ug/l		97
40) Benzene	8.350	78	262064	19.08	ug/l		99

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41) Methacrylonitrile	7.526	41	16662m	15.45	ug/l		
42) 1,2-Dichloroethane	8.426	62	75776	20.46	ug/l		98
43) Isopropyl Acetate	8.450	43	62888	17.89	ug/l		98
44) Trichloroethene	9.114	130	68607	19.93	ug/l		98
45) 1,2-Dichloropropane	9.391	63	68127	19.49	ug/l		90
46) Dibromomethane	9.473	93	34483	20.29	ug/l		96
47) Bromodichloromethane	9.661	83	91461	19.95	ug/l	#	97
48) Methyl methacrylate	9.456	41	33869	18.64	ug/l		99
49) 1,4-Dioxane	9.461	88	7183	387.14	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.232	43	164160	90.17	ug/l		100
52) Toluene	10.403	92	168671	19.90	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	81464	19.65	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	99309	19.36	ug/l		95
55) 1,1,2-Trichloroethane	10.803	97	47576	20.03	ug/l		92
56) Ethyl methacrylate	10.661	69	48674	18.24	ug/l		97
57) 1,3-Dichloropropane	10.950	76	81446	19.50	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.944	63	111009	82.67	ug/l		98
59) 2-Hexanone	10.985	43	107796	90.10	ug/l		100
60) Dibromochloromethane	11.144	129	58960	20.04	ug/l		98
61) 1,2-Dibromoethane	11.244	107	45170	19.83	ug/l		99
64) Tetrachloroethene	10.879	164	55412	19.23	ug/l		92
65) Chlorobenzene	11.673	112	170725	19.27	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	63052	19.94	ug/l		97
67) Ethyl Benzene	11.744	91	302575	19.15	ug/l		98
68) m/p-Xylenes	11.855	106	236525	39.29	ug/l		99
69) o-Xylene	12.185	106	101670	18.87	ug/l		98
70) Styrene	12.197	104	183706	19.73	ug/l		98
71) Bromoform	12.361	173	32256	20.18	ug/l	#	95
73) Isopropylbenzene	12.479	105	281726	19.46	ug/l		98
74) N-amyl acetate	12.291	43	59114	17.99	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	52220	19.44	ug/l		100
76) 1,2,3-Trichloropropane	12.785	75	33169m	20.20	ug/l		
77) Bromobenzene	12.761	156	68078	20.56	ug/l		99
78) n-propylbenzene	12.820	91	357736	19.88	ug/l		99
79) 2-Chlorotoluene	12.908	91	196998	19.37	ug/l		99
80) 1,3,5-Trimethylbenzene	12.961	105	238922	19.87	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	15236	19.02	ug/l		96
82) 4-Chlorotoluene	13.008	91	208408	19.50	ug/l		97
83) tert-Butylbenzene	13.226	119	189649	19.18	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	240483	19.94	ug/l		97
85) sec-Butylbenzene	13.402	105	286845	19.82	ug/l		99
86) p-Isopropyltoluene	13.520	119	257125	20.19	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	127875	19.42	ug/l		97
88) 1,4-Dichlorobenzene	13.597	146	128225	19.72	ug/l		99
89) n-Butylbenzene	13.844	91	247379	19.59	ug/l		98
90) Hexachloroethane	14.108	117	52120	20.03	ug/l		99
91) 1,2-Dichlorobenzene	13.891	146	109933	19.83	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	6971	16.58	ug/l		98
93) 1,2,4-Trichlorobenzene	15.161	180	62722	19.06	ug/l		98
94) Hexachlorobutadiene	15.267	225	40022	20.78	ug/l		94
95) Naphthalene	15.402	128	102152	17.56	ug/l		98
96) 1,2,3-Trichlorobenzene	15.591	180	54832	19.28	ug/l		94

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

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