Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
Data File : BM026788.D
Acq On : 16 Jul 2020 16:28
Operator : JU/CG
Sample : L1955-13
Misc : MDL-WATER-06
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-06

Manual Integrations APPROVED
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7/17/2020 12:31:03 PM

Quant Time: Jul 16 17:02:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	60623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	269355	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	185470	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	415599	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	467328	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	552056	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	10906	5.41	ng/uL	0.00
5) Phenol-d5	6.52	99	174421	31.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	128585	34.24	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	136252	31.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	143810	32.39	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	68716	32.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	79236	34.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	142794	32.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	201266	42.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	528404	35.71	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	606628	33.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	67213	31.48	ng/ul	0.00
58) Fluorene-d10	14.97	176	434428	33.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.12	200	82744	31.87	ng/ul	0.00
71) Anthracene-d10	16.82	188	693697	33.89	ng/ul	0.00
79) Pyrene-d10	19.14	212	826471	34.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	949732	31.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	3238	1.482	ng/uL#	84
4) Benzaldehyde	6.48	77	9032	3.063	ng/ul	96
6) Phenol	6.55	94	17834	2.922	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.75	93	14976	3.222	ng/ul	95
10) 2-Chlorophenol	6.88	128	14177	3.015	ng/ul	94
11) 2-Methylphenol	7.77	108	12607	2.891	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	7.84	45	34317m	3.806	ng/ul	
14) Acetophenone	8.13	105	24611	3.271	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.12	70	15715	3.536	ng/ul	97
16) 4-Methylphenol	8.10	108	15084	3.112	ng/ul	91
17) Hexachloroethane	8.35	117	6170	2.961	ng/ul	88
20) Nitrobenzene	8.50	77	22261	3.314	ng/ul	95
21) Isophorone	9.02	82	37231	3.297	ng/ul	97
23) 2-Nitrophenol	9.20	139	8500	3.234	ng/ul#	85
24) 2,4-Dimethylphenol	9.28	107	18094	2.990	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.51	93	21964	3.271	ng/ul	92
27) 2,4-Dichlorophenol	9.73	162	14725m	3.204	ng/ul	
28) Naphthalene	10.11	128	49374	3.097	ng/ul	98
30) 4-Chloroaniline	10.24	127	20523	4.124	ng/ul	91
31) Hexachlorobutadiene	10.40	225	10499	3.152	ng/ul	99
32) Caprolactam	11.08	113	3421m	2.695	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	14536	2.779	ng/ul	99
34) 2-Methylnaphthalene	11.74	142	35967	3.220	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	35204	3.382 ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	19997	2.966 ng/ul	98
38) Hexachlorocyclopentadiene	12.09	237	3177	0.923 ng/ul#	76
39) 2,4,6-Trichlorophenol	12.39	196	10731	2.697 ng/ul	94
40) 2,4,5-Trichlorophenol	12.48	196	11578	2.660 ng/ul	94
41) 1,1'-Biphenyl	12.78	154	49294	3.071 ng/ul	98
42) 2-Chloronaphthalene	12.82	162	37568	2.973 ng/ul	95
43) 2-Nitroaniline	13.06	65	10400	2.448 ng/ul#	88
45) Dimethylphthalate	13.44	163	52535	3.393 ng/ul	97
46) 2,6-Dinitrotoluene	13.57	165	8650	2.890 ng/ul#	87
48) Acenaphthylene	13.68	152	59442	3.105 ng/ul	97
49) 3-Nitroaniline	13.91	138	6201	2.493 ng/ul	89
50) Acenaphthene	14.03	153	41791	3.088 ng/ul	98
51) 2,4-Dinitrophenol	14.14	184	3214	2.067 ng/ul	96
53) 4-Nitrophenol	14.24	109	9228m	4.199 ng/ul	
54) Dibenzofuran	14.37	168	60880	3.171 ng/ul	95
55) 2,4-Dinitrotoluene	14.38	165	13791	3.098 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.62	232	11721	3.129 ng/ul#	94
57) Diethylphthalate	14.83	149	54088	3.475 ng/ul	99
59) Fluorene	15.03	166	49784	3.174 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.04	204	26241	3.218 ng/ul	98
61) 4-Nitroaniline	15.08	138	5853m	2.080 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	9253	3.364 ng/ul#	58
65) N-Nitrosodiphenylamine	15.25	169	43922	3.161 ng/ul	98
66) 4-Bromophenyl-phenylether	15.93	248	16368	3.267 ng/ul	96
67) Hexachlorobenzene	16.04	284	17811	3.120 ng/ul	97
68) Atrazine	16.23	200	15279	3.375 ng/ul	96
69) Pentachlorophenol	16.41	266	6626m	2.353 ng/ul	
70) Phenanthrene	16.77	178	83246	3.217 ng/ul	99
72) Anthracene	16.86	178	84221	3.225 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	20400	2.847 ng/uL	96
74) Pentachlorobenzene	14.29	250	22093	3.219 ng/uL	97
75) Carbazole	17.15	167	64058	3.064 ng/ul	95
76) Di-n-butylphthalate	17.73	149	83704	3.309 ng/ul	100
77) Fluoranthene	18.80	202	94776	3.540 ng/ul	98
80) Pyrene	19.17	202	107651	3.250 ng/ul	98
81) Butylbenzylphthalate	20.11	149	36397	3.098 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.89	252	24872	2.640 ng/ul	98
83) Benzo(a)anthracene	20.93	228	110449	3.433 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	57435	3.283 ng/ul	99
85) Chrysene	20.98	228	106515	3.338 ng/ul	99
87) Di-n-octyl phthalate	21.74	149	97535	2.867 ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	111125	2.963 ng/ul	98
89) Benzo(k)fluoranthene	22.45	252	112726	3.033 ng/ul	98
91) Benzo(a)pyrene	22.92	252	115638	3.476 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.01	276	125835	2.898 ng/ul	99
93) Dibenzo(a,h)anthracene	25.02	278	104857	2.867 ng/ul	98
94) Benzo(g,h,i)perylene	25.61	276	104335	2.881 ng/ul	96

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

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