Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110098.D
Acq On : 24 Oct 2018 00:44
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 2PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:16 PM

Quant Time: Oct 24 07:40:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	155857	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	659640	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	317944	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	623391	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	523704	20.00	ng		-0.02
87) Perylene-d12	15.66	264	452875	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1269776	132.67	ng		-0.02
7) Phenol-d6	6.59	99	1580509	129.11	ng		-0.02
23) Nitrobenzene-d5	7.53	82	917333	82.48	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	423872	134.59	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	1720504	84.97	ng		-0.02
79) Terphenyl-d14	13.09	244	1761477	69.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	9035	1.802	ng		93
3) Pyridine	3.71	79	18584m	1.664	ng		
4) n-Nitrosodimethylamine	3.56	42	10352m	2.212	ng		
6) Aniline	6.63	93	24682	1.548	ng	#	55
8) 2-Chlorophenol	6.75	128	23659	2.144	ng		97
9) Benzaldehyde	6.52	77	16757	1.135	ng		98
10) Phenol	6.59	94	27541	2.105	ng		92
11) bis(2-Chloroethyl)ether	6.69	93	23341	2.168	ng		92
12) 1,3-Dichlorobenzene	6.90	146	26452	2.178	ng		95
13) 1,4-Dichlorobenzene	6.98	146	26642	2.169	ng		99
14) 1,2-Dichlorobenzene	7.13	146	25036	2.196	ng		98
15) Benzyl Alcohol	7.12	79	31492	3.345	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	7.23	45	36740	2.134	ng		70
17) 2-Methylphenol	7.20	107	20482	2.329	ng	#	76
18) Hexachloroethane	7.47	117	9343	2.078	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	16139	2.055	ng	#	94
20) 3+4-Methylphenols	7.35	107	24313	2.139	ng		90
22) Acetophenone	7.36	105	34720	2.284	ng		95
24) Nitrobenzene	7.54	77	27904	2.430	ng		99
25) Isophorone	7.77	82	44645	2.355	ng		96
26) 2-Nitrophenol	7.86	139	9438	1.727	ng		92
27) 2,4-Dimethylphenol	7.89	122	19674	2.172	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	27092	2.104	ng		99
29) 2,4-Dichlorophenol	8.09	162	18191	1.988	ng		93
30) 1,2,4-Trichlorobenzene	8.19	180	21568	2.104	ng		94
31) Naphthalene	8.27	128	73266	2.410	ng		99
32) Benzoic acid	7.93	122	4771	0.681	ng	#	74
33) 4-Chloroaniline	8.32	127	20348	1.487	ng		96
34) Hexachlorobutadiene	8.38	225	12034	2.114	ng		93
35) Caprolactam	8.65	113	5509	1.727	ng		91
36) 4-Chloro-3-methylphenol	8.78	107	19785	1.999	ng		98
37) 2-Methylnaphthalene	8.96	142	50185	2.495	ng		97
38) 1-Methylnaphthalene	9.06	142	47288	2.433	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	20658	2.085	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	8757	1.729	ng		96
43) 2,4,6-Trichlorophenol	9.23	196	12123m	1.897	ng		
44) 2,4,5-Trichlorophenol	9.27	196	13226	1.958	ng		97
46) 1,1'-Biphenyl	9.42	154	63978	2.225	ng		97
47) 2-Chloronaphthalene	9.45	162	46259	2.193	ng		98
48) 2-Nitroaniline	9.54	65	12316	1.927	ng		91
49) Acenaphthylene	9.87	152	74705	2.452	ng		98
50) Dimethylphthalate	9.71	163	53724	2.289	ng		99
51) 2,6-Dinitrotoluene	9.78	165	9838	1.946	ng		89
52) Acenaphthene	10.04	154	45678	2.267	ng		97
53) 3-Nitroaniline	9.95	138	10155	1.689	ng	#	95
54) 2,4-Dinitrophenol	10.06	184	1181	5.725	ng	#	88
55) Dibenzofuran	10.21	168	66234	2.348	ng		94
56) 4-Nitrophenol	10.10	139	7532	1.693	ng		91
57) 2,4-Dinitrotoluene	10.19	165	12722	1.981	ng	#	88
58) Fluorene	10.55	166	53185	2.533	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	10617	1.929	ng	#	96
60) Diethylphthalate	10.42	149	51204	2.235	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	24387	2.202	ng		95
62) 4-Nitroaniline	10.56	138	10499	1.756	ng		91
63) Azobenzene	10.70	77	51901	2.282	ng		97
65) 4,6-Dinitro-2-methylphenol	10.59	198	2833	0.995	ng		94
66) n-Nitrosodiphenylamine	10.66	169	44489	2.176	ng		99
67) 4-Bromophenyl-phenylether	11.03	248	14585	2.157	ng		89
68) Hexachlorobenzene	11.10	284	15736	2.193	ng		97
69) Atrazine	11.18	200	13356	2.067	ng		93
70) Pentachlorophenol	11.30	266	4489	1.073	ng		89
71) Phenanthrene	11.52	178	80770	2.476	ng		96
72) Anthracene	11.57	178	82299	2.517	ng		97
73) Carbazole	11.73	167	68542	2.147	ng		98
74) Di-n-butylphthalate	12.04	149	78291	2.171	ng		98
75) Fluoranthene	12.71	202	78737	2.378	ng		99
77) Benzidine	12.83	184	14724	0.669	ng	#	89
78) Pyrene	12.94	202	81570	2.173	ng		97
80) Butylbenzylphthalate	13.55	149	29529	1.812	ng		97
81) Benzo(a)anthracene	14.13	228	72047	2.320	ng		98
82) 3,3'-Dichlorobenzidine	14.09	252	14851	1.373	ng		95
83) Chrysene	14.17	228	67671	2.294	ng		99
84) Bis(2-ethylhexyl)phthalate	14.10	149	43077	1.955	ng		95
85) Di-n-octyl phthalate	14.72	149	67208	1.962	ng		99
86) Indeno(1,2,3-cd)pyrene	17.21	276	49790	2.035	ng	#	93
88) Benzo(b)fluoranthene	15.20	252	58420	2.234	ng		95
89) Benzo(k)fluoranthene	15.24	252	58739	2.285	ng		99
90) Benzo(a)pyrene	15.59	252	53330	2.216	ng		96
91) Dibenzo(a,h)anthracene	17.23	278	41270	1.988	ng	#	94
92) Benzo(g,h,i)perylene	17.68	276	40316	1.970	ng	#	91

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

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