Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108033.D
Acq On : 8 Aug 2018 21:31
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 2 PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:36 PM

Quant Time: Aug 09 07:54:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	279642	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1112961	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	604356	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	1251435	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1116628	20.00	ng		-0.01
86) Perylene-d12	15.77	264	945562	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1958576	126.80	ng		0.00
7) Phenol-d6	6.63	99	2609966	127.16	ng		0.00
23) Nitrobenzene-d5	7.58	82	1730437	86.76	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	842230	139.71	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	3122224	82.94	ng		0.00
78) Terphenyl-d14	13.15	244	3731667	84.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	17132	2.159	ng	#	87
3) Pyridine	3.75	79	42856	2.096	ng	#	92
4) n-Nitrosodimethylamine	3.63	42	22614	1.966	ng	#	79
6) Aniline	6.68	93	36738	1.316	ng		96
8) 2-Chlorophenol	6.80	128	39361	2.263	ng		89
9) Benzaldehyde	6.57	77	31842	2.001	ng		99
10) Phenol	6.64	94	47620	2.243	ng	#	48
11) bis(2-Chloroethyl)ether	6.74	93	38364	2.235	ng		96
12) 1,3-Dichlorobenzene	6.95	146	44851	2.230	ng		97
13) 1,4-Dichlorobenzene	7.03	146	46136	2.283	ng		97
14) 1,2-Dichlorobenzene	7.18	146	42122	2.241	ng		93
15) Benzyl Alcohol	7.14	79	24083	1.394	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	79326	2.243	ng		96
17) 2-Methylphenol	7.24	107	32308	2.166	ng		97
18) Hexachloroethane	7.52	117	15851	2.203	ng		98
19) n-Nitroso-di-n-propylamine	7.41	70	30352	2.187	ng	#	83
20) 3+4-Methylphenols	7.40	107	42974	2.248	ng		94
22) Acetophenone	7.41	105	61880	2.378	ng		94
24) Nitrobenzene	7.59	77	50069	2.483	ng		95
25) Isophorone	7.82	82	79819	2.100	ng		96
26) 2-Nitrophenol	7.91	139	12086	1.587	ng	#	92
27) 2,4-Dimethylphenol	7.93	122	36985	2.192	ng		97
28) bis(2-Chloroethoxy)methane	8.03	93	51416	2.317	ng		94
29) 2,4-Dichlorophenol	8.14	162	30488	1.964	ng		96
30) 1,2,4-Trichlorobenzene	8.23	180	38196	2.231	ng		94
31) Naphthalene	8.32	128	121743	2.405	ng		99
32) Benzoic acid	7.96	122	4858	6.409	ng	#	88
33) 4-Chloroaniline	8.36	127	32401	1.469	ng		97
34) Hexachlorobutadiene	8.43	225	24165	2.230	ng		97
35) Caprolactam	8.68	113	9190	1.889	ng	#	75
36) 4-Chloro-3-methylphenol	8.82	107	33211	1.983	ng		95
37) 2-Methylnaphthalene	9.01	142	86454	2.414	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	41962	2.261	ng	#	98
40) Hexachlorocyclopentadiene	9.16	237	21386	1.784	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	19779	1.717	ng		96
43) 2,4,5-Trichlorophenol	9.31	196	23555	1.858	ng		98
45) 1,1'-Biphenyl	9.47	154	112105	2.516	ng		95
46) 2-Chloronaphthalene	9.50	162	82390	2.339	ng		97
47) 2-Nitroaniline	9.59	65	20696	1.816	ng	#	86
48) Acenaphthylene	9.92	152	133978	2.406	ng		98
49) Dimethylphthalate	9.76	163	96765	2.299	ng		99
50) 2,6-Dinitrotoluene	9.83	165	17475	1.984	ng		94
51) Acenaphthene	10.09	154	80679	2.366	ng		97
52) 3-Nitroaniline	10.00	138	17309	1.796	ng		98
53) 2,4-Dinitrophenol	10.10	184	2191	7.627	ng	#	1
54) Dibenzofuran	10.27	168	121049	2.450	ng		99
55) 4-Nitrophenol	10.14	139	10573	1.449	ng		87
56) 2,4-Dinitrotoluene	10.23	165	19720	1.739	ng	#	84
57) Fluorene	10.61	166	93593	2.393	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.38	232	19403	1.831	ng	#	87
59) Diethylphthalate	10.47	149	93592	2.296	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	48988	2.404	ng		88
61) 4-Nitroaniline	10.61	138	17459	1.832	ng		86
62) Azobenzene	10.76	77	97285	2.311	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	4238	6.160	ng		86
65) n-Nitrosodiphenylamine	10.71	169	83980	2.271	ng		95
66) 4-Bromophenyl-phenylether	11.09	248	30391	2.235	ng		94
67) Hexachlorobenzene	11.15	284	32109	2.244	ng		92
68) Atrazine	11.23	200	25809	2.081	ng		96
69) Pentachlorophenol	11.35	266	9112	1.330	ng		98
70) Phenanthrene	11.58	178	147913	2.506	ng		98
71) Anthracene	11.63	178	151400	2.503	ng		98
72) Carbazole	11.78	167	126258	2.349	ng		98
73) Di-n-butylphthalate	12.11	149	137795	2.263	ng		100
74) Fluoranthene	12.77	202	160263	2.488	ng		93
76) Benzidine	12.89	184	19521	0.468	ng	#	92
77) Pyrene	13.00	202	164382	2.325	ng		99
79) Butylbenzylphthalate	13.61	149	48538	1.729	ng		99
80) Benzo(a)anthracene	14.19	228	146489	2.286	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	25883	1.127	ng		96
82) Chrysene	14.23	228	138167	2.352	ng		97
83) Bis(2-ethylhexyl)phthalate	14.17	149	70197	1.847	ng		99
84) Di-n-octyl phthalate	14.79	149	101220	1.746	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.37	276	95755	1.881	ng	#	92
87) Benzo(b)fluoranthene	15.29	252	122911m	2.175	ng		
88) Benzo(k)fluoranthene	15.32	252	118550	2.283	ng	#	95
89) Benzo(a)pyrene	15.69	252	104618	2.068	ng	#	95
90) Dibenzo(a,h)anthracene	17.38	278	81342	1.943	ng	#	90
91) Benzo(g,h,i)perylene	17.85	276	79543	1.930	ng	#	89

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

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