Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108034.D
Acq On : 8 Aug 2018 21:59
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 5 PPM
ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:39 PM

Quant Time: Aug 09 08:12:07 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	283750	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1133664	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	605558	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1246035	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1110957	20.00	ng	-0.01
86) Perylene-d12	15.77	264	960819	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1987783	126.83	ng	0.00
7) Phenol-d6	6.63	99	2624208	126.00	ng	0.00
23) Nitrobenzene-d5	7.58	82	1719666	84.65	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	837267	138.61	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3075551	81.54	ng	0.00
78) Terphenyl-d14	13.15	244	3643345	83.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.92	88	38605	4.794	ng	# 85
3) Pyridine	3.74	79	104044	5.015	ng	# 79
4) n-Nitrosodimethylamine	3.64	42	55046	4.716	ng	# 78
6) Aniline	6.68	93	94189	3.325	ng	96
8) 2-Chlorophenol	6.80	128	92347	5.232	ng	88
9) Benzaldehyde	6.57	77	75319	4.664	ng	94
10) Phenol	6.64	94	108356	5.030	ng	94
11) bis(2-Chloroethyl)ether	6.74	93	92877	5.333	ng	95
12) 1,3-Dichlorobenzene	6.95	146	110600	5.419	ng	97
13) 1,4-Dichlorobenzene	7.03	146	111965	5.460	ng	97
14) 1,2-Dichlorobenzene	7.18	146	100560	5.272	ng	98
15) Benzyl Alcohol	7.14	79	68029	3.880	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	188508	5.254	ng	94
17) 2-Methylphenol	7.24	107	77770	5.138	ng	95
18) Hexachloroethane	7.52	117	36584	5.011	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	72199	5.126	ng	# 82
20) 3+4-Methylphenols	7.40	107	103041	5.312	ng	91
22) Acetophenone	7.41	105	141362	5.333	ng	94
24) Nitrobenzene	7.59	77	110001	5.354	ng	94
25) Isophorone	7.82	82	194066	5.012	ng	95
26) 2-Nitrophenol	7.91	139	30319	3.908	ng	90
27) 2,4-Dimethylphenol	7.93	122	89873	5.229	ng	98
28) bis(2-Chloroethoxy)methane	8.03	93	120765	5.342	ng	99
29) 2,4-Dichlorophenol	8.14	162	79463	5.024	ng	95
30) 1,2,4-Trichlorobenzene	8.23	180	90499	5.190	ng	96
31) Naphthalene	8.32	128	289071	5.607	ng	98
32) Benzoic acid	7.97	122	24632m	8.137	ng	
33) 4-Chloroaniline	8.36	127	78393	3.489	ng	98
34) Hexachlorobutadiene	8.43	225	56577	5.125	ng	97
35) Caprolactam	8.69	113	23911	4.824	ng	# 73
36) 4-Chloro-3-methylphenol	8.82	107	85097	4.987	ng	98
37) 2-Methylnaphthalene	9.01	142	200163	5.487	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	100741	5.417	ng	96
40) Hexachlorocyclopentadiene	9.16	237	54200	4.512	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	53111	4.602 ng		96
43) 2,4,5-Trichlorophenol	9.32	196	65929m	5.190 ng		
45) 1,1'-Biphenyl	9.47	154	251860	5.641 ng		97
46) 2-Chloronaphthalene	9.50	162	192579	5.457 ng		96
47) 2-Nitroaniline	9.59	65	55146	4.830 ng		89
48) Acenaphthylene	9.92	152	316415	5.672 ng		99
49) Dimethylphthalate	9.77	163	229630	5.444 ng		99
50) 2,6-Dinitrotoluene	9.83	165	46534	5.273 ng		97
51) Acenaphthene	10.09	154	187911	5.499 ng		98
52) 3-Nitroaniline	10.00	138	44661	4.625 ng		99
53) 2,4-Dinitrophenol	10.10	184	7098	8.981 ng	#	1
54) Dibenzofuran	10.27	168	282493	5.706 ng		99
55) 4-Nitrophenol	10.14	139	30340	4.149 ng	#	75
56) 2,4-Dinitrotoluene	10.23	165	54060	4.759 ng	#	86
57) Fluorene	10.61	166	222409	5.675 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	50418	4.749 ng		88
59) Diethylphthalate	10.47	149	226020	5.533 ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	114304	5.598 ng	#	87
61) 4-Nitroaniline	10.61	138	46385	4.859 ng		96
62) Azobenzene	10.76	77	232776	5.518 ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	13591	7.940 ng		86
65) n-Nitrosodiphenylamine	10.71	169	202151	5.490 ng		95
66) 4-Bromophenyl-phenylether	11.09	248	70782	5.227 ng		94
67) Hexachlorobenzene	11.16	284	74988	5.263 ng	#	86
68) Atrazine	11.23	200	62999	5.101 ng		98
69) Pentachlorophenol	11.35	266	23967	3.515 ng		100
70) Phenanthrene	11.58	178	346498	5.896 ng		98
71) Anthracene	11.63	178	351414	5.834 ng		99
72) Carbazole	11.78	167	309523	5.784 ng		97
73) Di-n-butylphthalate	12.11	149	345962	5.707 ng		98
74) Fluoranthene	12.77	202	381566	5.949 ng		94
76) Benzidine	12.89	184	66169	1.594 ng	#	93
77) Pyrene	13.01	202	381913	5.430 ng		99
79) Butylbenzylphthalate	13.61	149	125721	4.501 ng		95
80) Benzo(a)anthracene	14.19	228	345471	5.419 ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	65689	2.875 ng	#	97
82) Chrysene	14.23	228	318875	5.455 ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	187109	4.947 ng		99
84) Di-n-octyl phthalate	14.79	149	274810	4.764 ng		96
85) Indeno(1,2,3-cd)pyrene	17.37	276	237646	4.692 ng	#	92
87) Benzo(b)fluoranthene	15.29	252	283046	4.930 ng	#	97
88) Benzo(k)fluoranthene	15.32	252	294687	5.584 ng	#	96
89) Benzo(a)pyrene	15.69	252	254998	4.960 ng	#	96
90) Dibenzo(a,h)anthracene	17.39	278	202366	4.757 ng	#	94
91) Benzo(g,h,i)perylene	17.86	276	196396	4.689 ng	#	92

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

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