Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098971.D
Acq On : 30 Sep 2017 19:11
Operator : SJ/JU
Sample : I5563-06MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-SB-ESMI-6MSD

Manual Integrations APPROVED
Sohil

Quant Time: Oct 02 14:54:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

10/2/2017 5:44:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	140042	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	550801	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	212609	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	298412	20.00	ng		0.00
75) Chrysene-d12	14.09	240	232822	20.00	ng		0.00
86) Perylene-d12	15.58	264	180740	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	996393	113.26	ng		0.01
7) Phenol-d6	6.55	99	1206499	111.17	ng		0.00
23) Nitrobenzene-d5	7.49	82	722402	84.11	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	161786	93.00	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1155539	90.73	ng		0.00
78) Terphenyl-d14	13.03	244	701378	68.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	139938	33.300	ng		98
3) Pyridine	3.56	79	383263	33.714	ng		97
4) n-Nitrosodimethylamine	3.52	42	182270	37.810	ng		89
6) Aniline	6.58	93	332260	22.685	ng		99
8) 2-Chlorophenol	6.71	128	373309	37.472	ng		93
9) Benzaldehyde	6.47	77	208038	33.048	ng		97
10) Phenol	6.56	94	485625	40.012	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	370634	39.281	ng		98
12) 1,3-Dichlorobenzene	6.86	146	397128	38.063	ng		97
13) 1,4-Dichlorobenzene	6.93	146	409983	38.622	ng		99
14) 1,2-Dichlorobenzene	7.09	146	371615	37.887	ng		98
15) Benzyl Alcohol	7.06	79	316129	39.708	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	554683	37.732	ng		97
17) 2-Methylphenol	7.17	107	308883	37.893	ng		98
18) Hexachloroethane	7.43	117	115042	30.151	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	251912	36.358	ng		99
20) 3+4-Methylphenols	7.32	107	372317	36.104	ng	#	77
22) Acetophenone	7.33	105	501574	37.585	ng	#	98
24) Nitrobenzene	7.50	77	384225	39.436	ng		96
25) Isophorone	7.74	82	691643	38.950	ng		99
26) 2-Nitrophenol	7.82	139	148410	31.677	ng		94
27) 2,4-Dimethylphenol	7.85	122	330648	37.370	ng		96
28) bis(2-Chloroethoxy)methane	7.95	93	456762	41.276	ng		99
29) 2,4-Dichlorophenol	8.06	162	278744	36.693	ng		99
30) 1,2,4-Trichlorobenzene	8.14	180	301904	39.736	ng		98
31) Naphthalene	8.22	128	1097859	42.439	ng		99
33) 4-Chloroaniline	8.27	127	211201	19.550	ng		97
34) Hexachlorobutadiene	8.33	225	149041	38.085	ng		99
35) Caprolactam	8.63	113	81393m	33.402	ng		
36) 4-Chloro-3-methylphenol	8.75	107	282548	33.091	ng		96
37) 2-Methylnaphthalene	8.92	142	692410	41.173	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	259218	40.882	ng		98
40) Hexachlorocyclopentadiene	9.06	237	17319	5.977	ng		95
42) 2,4,6-Trichlorophenol	9.19	196	162465	36.169	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	157618	35.151	ng		96
45) 1,1'-Biphenyl	9.37	154	760072	41.597	ng		100
46) 2-Chloronaphthalene	9.40	162	573516	41.803	ng		98
47) 2-Nitroaniline	9.50	65	181288	43.155	ng		100
48) Acenaphthylene	9.82	152	835853	39.799	ng		99
49) Dimethylphthalate	9.67	163	813343	50.686	ng		100
50) 2,6-Dinitrotoluene	9.74	165	129439	37.052	ng		94
51) Acenaphthene	9.99	154	507197	38.124	ng		100
52) 3-Nitroaniline	9.91	138	151677	37.236	ng		92
53) 2,4-Dinitrophenol	10.02	184	785	6.228	ng	#	51
54) Dibenzofuran	10.16	168	737995	41.663	ng		99
55) 4-Nitrophenol	10.07	139	192607	55.920	ng		88
56) 2,4-Dinitrotoluene	10.14	165	154220	34.015	ng		99
57) Fluorene	10.50	166	559515	39.299	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	105300	33.995	ng		98
59) Diethylphthalate	10.37	149	633873	40.426	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	253602	39.654	ng		99
61) 4-Nitroaniline	10.52	138	150557	38.311	ng		93
62) Azobenzene	10.66	77	553912	38.420	ng		94
65) n-Nitrosodiphenylamine	10.62	169	484608	46.877	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	133082	45.561	ng		94
67) Hexachlorobenzene	11.06	284	122611	39.302	ng		93
68) Atrazine	11.14	200	127282	40.922	ng		98
69) Pentachlorophenol	11.25	266	106898	55.057	ng		97
70) Phenanthrene	11.47	178	890609	55.757	ng		100
71) Anthracene	11.52	178	736212	45.046	ng		99
72) Carbazole	11.67	167	640487	40.018	ng		100
73) Di-n-butylphthalate	12.00	149	838152	43.508	ng		99
74) Fluoranthene	12.66	202	1039829	64.288	ng		99
76) Benzidine	12.77	184	182382	21.179	ng		98
77) Pyrene	12.89	202	1015711	57.212	ng		100
79) Butylbenzylphthalate	13.50	149	328608	39.384	ng		93
80) Benzo(a)anthracene	14.08	228	773157	54.842	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	177669	34.378	ng		99
82) Chrysene	14.12	228	690465	51.443	ng		100
83) Bis(2-ethylhexyl)phthalate	14.05	149	482353	41.984	ng		98
84) Di-n-octyl phthalate	14.66	149	845734	45.716	ng		97
85) Indeno(1,2,3-cd)pyrene	17.10	276	432563	40.288	ng		96
87) Benzo(b)fluoranthene	15.14	252	645743	58.109	ng	#	96
88) Benzo(k)fluoranthene	15.17	252	527930	48.099	ng		99
89) Benzo(a)pyrene	15.52	252	535539	52.501	ng	#	96
90) Dibenzo(a,h)anthracene	17.12	278	318462	39.011	ng		98
91) Benzo(g,h,i)perylene	17.57	276	360534	44.679	ng		98

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

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