Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100768.D
Acq On : 21 Nov 2017 9:14
Operator : SJ/JU
Sample : I6300-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-110617MS

Manual Integrations APPROVED
SOHIL
11/21/2017 2:17:32 PM

Quant Time: Nov 21 12:06:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	91792	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	358575	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	153961	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	243477	20.00	ng		0.00
75) Chrysene-d12	14.04	240	188810	20.00	ng		0.00
86) Perylene-d12	15.51	264	147191	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	672305	117.41	ng		0.02
7) Phenol-d6	6.51	99	779407	110.38	ng		0.00
23) Nitrobenzene-d5	7.44	82	549290	101.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	196269	125.10	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1011594	100.05	ng		0.00
78) Terphenyl-d14	12.98	244	731113	88.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	92068	32.992	ng	#	81
3) Pyridine	3.58	79	202572	26.607	ng		95
4) n-Nitrosodimethylamine	3.54	42	129403	35.007	ng	#	98
6) Aniline	6.55	93	161178	16.157	ng		98
8) 2-Chlorophenol	6.66	128	263843	43.554	ng		98
9) Benzaldehyde	6.43	77	19531	3.873	ng		92
10) Phenol	6.52	94	282823	38.153	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	251348	40.368	ng		100
12) 1,3-Dichlorobenzene	6.82	146	302808	43.356	ng		97
13) 1,4-Dichlorobenzene	6.89	146	309855	43.833	ng		97
14) 1,2-Dichlorobenzene	7.05	146	291315	44.572	ng		98
15) Benzyl Alcohol	7.02	79	233359	42.344	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	436705	43.852	ng		99
17) 2-Methylphenol	7.13	107	223273	43.129	ng		99
18) Hexachloroethane	7.39	117	92996	39.900	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	189105	38.616	ng		96
20) 3+4-Methylphenols	7.28	107	269743	41.176	ng	#	75
22) Acetophenone	7.29	105	368084	42.097	ng	#	96
24) Nitrobenzene	7.46	77	276137	49.467	ng		98
25) Isophorone	7.70	82	508316	44.600	ng		98
26) 2-Nitrophenol	7.77	139	137766	52.117	ng		88
27) 2,4-Dimethylphenol	7.80	122	251174	49.161	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	327933	43.987	ng		99
29) 2,4-Dichlorophenol	8.01	162	237201	48.632	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	252095	47.782	ng		95
31) Naphthalene	8.18	128	929967	53.846	ng		100
32) Benzoic acid	7.93	122	129770	36.064	ng		96
33) 4-Chloroaniline	8.22	127	89640	12.469	ng		98
34) Hexachlorobutadiene	8.29	225	146252	46.622	ng		99
35) Caprolactam	8.60	113	61084m	36.493	ng		
36) 4-Chloro-3-methylphenol	8.71	107	235464	44.949	ng		96
37) 2-Methylnaphthalene	8.87	142	547657	47.763	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	249605	48.884	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	57436	23.900	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	171708	53.059	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	165632	49.399	ng		93
45) 1,1'-Biphenyl	9.33	154	629133	47.246	ng		97
46) 2-Chloronaphthalene	9.36	162	483560	50.056	ng		96
47) 2-Nitroaniline	9.46	65	145248	50.717	ng		99
48) Acenaphthylene	9.77	152	717608	44.824	ng		99
49) Dimethylphthalate	9.63	163	579646	49.310	ng		99
50) 2,6-Dinitrotoluene	9.70	165	122215	52.524	ng		88
51) Acenaphthene	9.95	154	430379	44.202	ng		98
52) 3-Nitroaniline	9.87	138	98314	35.781	ng		87
53) 2,4-Dinitrophenol	9.97	184	16338	27.313	ng	#	13
54) Dibenzofuran	10.12	168	628296	46.041	ng		97
55) 4-Nitrophenol	10.03	139	155278	69.598	ng		91
56) 2,4-Dinitrotoluene	10.10	165	148878	50.718	ng	#	84
57) Fluorene	10.46	166	460964	46.111	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	125364	45.621	ng	#	84
59) Diethylphthalate	10.33	149	536409	45.599	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	233725	47.659	ng		93
61) 4-Nitroaniline	10.48	138	119566	45.892	ng		88
62) Azobenzene	10.61	77	445263	40.188	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	12930	17.210	ng	#	71
65) n-Nitrosodiphenylamine	10.57	169	442798	52.304	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	141914	54.372	ng	#	89
67) Hexachlorobenzene	11.01	284	136435	49.980	ng	#	85
68) Atrazine	11.10	200	125851	49.109	ng		94
69) Pentachlorophenol	11.20	266	138546	70.780	ng		98
70) Phenanthrene	11.42	178	604382	47.146	ng		99
71) Anthracene	11.47	178	611341	47.005	ng		100
72) Carbazole	11.63	167	538698	44.889	ng		99
73) Di-n-butylphthalate	11.95	149	734836	52.325	ng		99
74) Fluoranthene	12.61	202	580978	42.763	ng		97
76) Benzidine	12.73	184	106288	14.057	ng		97
77) Pyrene	12.84	202	587089	43.620	ng		99
79) Butylbenzylphthalate	13.45	149	253253	46.140	ng		94
80) Benzo(a)anthracene	14.03	228	548302	48.223	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	172780	42.413	ng		98
82) Chrysene	14.06	228	511648	46.470	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	357819	49.565	ng		100
84) Di-n-octyl phthalate	14.62	149	627073	50.563	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	356078	39.983	ng		94
87) Benzo(b)fluoranthene	15.08	252	445233	51.057	ng		97
88) Benzo(k)fluoranthene	15.11	252	431829	52.410	ng		97
89) Benzo(a)pyrene	15.45	252	387149	50.079	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	298229	47.170	ng		95
91) Benzo(g,h,i)perylene	17.44	276	293046	47.350	ng	#	93

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

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