Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099759.D
Acq On : 23 Oct 2017 14:58
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF102317

Quant Time: Oct 23 15:29:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:08:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95131	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	390456	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	182095	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	324072	20.00	ng		0.00
75) Chrysene-d12	13.99	240	252423	20.00	ng		0.00
86) Perylene-d12	15.45	264	242113	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	487580	80.47	ng		0.00
7) Phenol-d6	6.45	99	566155	78.80	ng		0.00
23) Nitrobenzene-d5	7.38	82	475959	78.48	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	129420	77.99	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	940630	79.70	ng		0.00
78) Terphenyl-d14	12.92	244	871543	75.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	109055	40.756	ng	#	88
3) Pyridine	3.30	79	269280	41.848	ng		87
4) n-Nitrosodimethylamine	3.26	42	98085	42.667	ng	#	72
6) Aniline	6.47	93	368478	39.554	ng		98
8) 2-Chlorophenol	6.59	128	259045	40.112	ng		93
9) Benzaldehyde	6.36	77	171386	39.919	ng		91
10) Phenol	6.46	94	317728	40.277	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	245043	40.226	ng		96
12) 1,3-Dichlorobenzene	6.75	146	287261	39.615	ng		96
13) 1,4-Dichlorobenzene	6.82	146	292663	39.767	ng		97
14) 1,2-Dichlorobenzene	6.97	146	269087	40.119	ng		98
15) Benzyl Alcohol	6.96	79	182151	39.865	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	266629	39.402	ng	#	35
17) 2-Methylphenol	7.07	107	216714	40.117	ng		99
18) Hexachloroethane	7.31	117	98431	40.089	ng		100
19) n-Nitroso-di-n-propylamine	7.22	70	164698	39.116	ng		92
20) 3+4-Methylphenols	7.22	107	244490	38.870	ng	#	67
22) Acetophenone	7.22	105	339765	38.217	ng	#	98
24) Nitrobenzene	7.40	77	242309	39.652	ng		90
25) Isophorone	7.63	82	428655	38.951	ng		97
26) 2-Nitrophenol	7.71	139	142217	40.633	ng		87
27) 2,4-Dimethylphenol	7.75	122	205742	39.896	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	300521	38.992	ng		99
29) 2,4-Dichlorophenol	7.96	162	214060	39.958	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	226544	39.578	ng		98
31) Naphthalene	8.11	128	741254	39.329	ng		99
32) Benzoic acid	7.90	122	192261	42.356	ng		96
33) 4-Chloroaniline	8.17	127	299656	38.502	ng	#	94
34) Hexachlorobutadiene	8.22	225	117864	40.033	ng		98
35) Caprolactam	8.56	113	67172	39.872	ng	#	70
36) 4-Chloro-3-methylphenol	8.66	107	212799	38.918	ng		91
37) 2-Methylnaphthalene	8.80	142	491652	38.925	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	232443	39.523	ng		98
40) Hexachlorocyclopentadiene	8.95	237	35852	39.975	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	139384	39.181 ng		100
43) 2,4,5-Trichlorophenol	9.13	196	149900	39.708 ng	#	92
45) 1,1'-Biphenyl	9.27	154	640627	38.889 ng		98
46) 2-Chloronaphthalene	9.29	162	462351	38.647 ng		97
47) 2-Nitroaniline	9.40	65	124748	39.730 ng		90
48) Acenaphthylene	9.71	152	713548	38.725 ng		99
49) Dimethylphthalate	9.57	163	552598	38.321 ng		100
50) 2,6-Dinitrotoluene	9.64	165	117644	38.807 ng		89
51) Acenaphthene	9.88	154	432037	38.374 ng		99
52) 3-Nitroaniline	9.82	138	140575	39.355 ng		87
53) 2,4-Dinitrophenol	9.93	184	38852	35.884 ng	#	88
54) Dibenzofuran	10.05	168	604439	38.033 ng		100
55) 4-Nitrophenol	9.99	139	72711	38.958 ng		85
56) 2,4-Dinitrotoluene	10.05	165	142482	39.027 ng	#	94
57) Fluorene	10.40	166	497796	37.831 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	104364	39.429 ng		94
59) Diethylphthalate	10.27	149	541498	38.453 ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	238829	38.566 ng		97
61) 4-Nitroaniline	10.43	138	130277	38.228 ng		84
62) Azobenzene	10.55	77	453055	38.379 ng		91
64) 4,6-Dinitro-2-methylphenol	10.46	198	83751	41.112 ng		80
65) n-Nitrosodiphenylamine	10.51	169	470733	39.349 ng		99
66) 4-Bromophenyl-phenylether	10.87	248	135824	39.811 ng		91
67) Hexachlorobenzene	10.94	284	135907	38.938 ng		95
68) Atrazine	11.03	200	136853	38.084 ng		98
69) Pentachlorophenol	11.14	266	55412	37.154 ng		97
70) Phenanthrene	11.36	178	703415	38.461 ng		98
71) Anthracene	11.42	178	723703	38.984 ng		98
72) Carbazole	11.57	167	674651	38.645 ng		99
73) Di-n-butylphthalate	11.89	149	864859	38.841 ng		99
74) Fluoranthene	12.55	202	734845	38.663 ng		99
76) Benzidine	12.67	184	419734	38.001 ng		96
77) Pyrene	12.78	202	749456	39.046 ng		100
79) Butylbenzylphthalate	13.39	149	371495	39.304 ng		94
80) Benzo(a)anthracene	13.97	228	629684	39.351 ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	230459	39.675 ng		96
82) Chrysene	14.02	228	591628	39.327 ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	509240	38.366 ng		99
84) Di-n-octyl phthalate	14.56	149	896488	39.351 ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.93	276	555332	40.211 ng		97
87) Benzo(b)fluoranthene	15.03	252	604051	39.511 ng		98
88) Benzo(k)fluoranthene	15.06	252	554950	38.494 ng		97
89) Benzo(a)pyrene	15.39	252	543748	39.594 ng		98
90) Dibenzo(a,h)anthracene	16.93	278	468601	38.401 ng		98
91) Benzo(g,h,i)perylene	17.37	276	458083	38.370 ng		97

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

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