Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093837.D
Acq On : 22 Mar 2017 17:28
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF032217

Quant Time: Mar 22 18:13:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 17:41:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	197319	20.00	ng		0.00
21) Naphthalene-d8	7.49	136	793480	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	356522	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	616767	20.00	ng		0.00
75) Chrysene-d12	14.72	240	500058	20.00	ng		0.00
86) Perylene-d12	16.35	264	394273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	914767	78.30	ng		0.00
7) Phenol-d6	5.57	99	1138992	78.81	ng		0.00
23) Nitrobenzene-d5	6.64	82	1126610	81.03	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	227892	80.89	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	1881844	80.51	ng		0.00
78) Terphenyl-d14	13.44	244	1752150	78.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	222939	39.72	ng		99
3) Pyridine	2.85	79	626604	40.96	ng		98
4) n-Nitrosodimethylamine	2.82	42	255512	40.60	ng		92
6) Aniline	5.61	93	794969	39.54	ng		98
8) 2-Chlorophenol	5.75	128	511655	39.85	ng		98
9) Benzaldehyde	5.48	77	391457	40.11	ng		99
10) Phenol	5.59	94	692124	42.08	ng		92
11) bis(2-Chloroethyl)ether	5.69	93	510040	39.68	ng		99
12) 1,3-Dichlorobenzene	5.92	146	575059	39.92	ng		99
13) 1,4-Dichlorobenzene	6.01	146	581144	39.84	ng		98
14) 1,2-Dichlorobenzene	6.19	146	533392	39.70	ng		96
15) Benzyl Alcohol	6.15	79	429503	40.60	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.31	45	788965	39.84	ng		100
17) 2-Methylphenol	6.28	107	440273	40.03	ng		98
18) Hexachloroethane	6.58	117	209621	40.88	ng	#	84
19) n-Nitroso-di-n-propylamine	6.47	70	369528	39.78	ng		98
20) 3+4-Methylphenols	6.46	107	526196	39.51	ng		99
22) Acetophenone	6.46	105	694010	39.24	ng		97
24) Nitrobenzene	6.66	77	560381	40.87	ng		92
25) Isophorone	6.95	82	988890	40.48	ng	#	94
26) 2-Nitrophenol	7.03	139	278447	42.58	ng		96
27) 2,4-Dimethylphenol	7.09	122	458545	40.69	ng		98
28) bis(2-Chloroethoxy)methane	7.21	93	638335	39.62	ng		99
29) 2,4-Dichlorophenol	7.32	162	426768	40.51	ng		97
30) 1,2,4-Trichlorobenzene	7.43	180	435416	40.13	ng		99
31) Naphthalene	7.52	128	1524617	39.96	ng		100
32) Benzoic acid	7.24	122	344151	45.88	ng		99
33) 4-Chloroaniline	7.58	127	610209	39.46	ng		95
34) Hexachlorobutadiene	7.68	225	225829	40.58	ng		99
35) Caprolactam	8.03	113	137612	40.96	ng		99
36) 4-Chloro-3-methylphenol	8.18	107	444521	40.38	ng		89
37) 2-Methylnaphthalene	8.36	142	1012677	39.82	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	384152	39.39	ng		99
40) Hexachlorocyclopentadiene	8.56	237	195078	42.74	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	280600	40.67	ng		100
43) 2,4,5-Trichlorophenol	8.75	196	304646	40.80	ng		95
45) 1,1'-Biphenyl	8.94	154	1134746	39.46	ng		98
46) 2-Chloronaphthalene	8.96	162	892681	39.66	ng		95
47) 2-Nitroaniline	9.07	65	278975	41.78	ng		93
48) Acenaphthylene	9.47	152	1487588	39.76	ng		100
49) Dimethylphthalate	9.32	163	1016564	40.11	ng		99
50) 2,6-Dinitrotoluene	9.39	165	241146	41.51	ng		91
51) Acenaphthene	9.68	154	855972	39.21	ng		99
52) 3-Nitroaniline	9.59	138	277156	40.63	ng		90
53) 2,4-Dinitrophenol	9.71	184	118324	40.50	ng	#	75
54) Dibenzofuran	9.89	168	1185767	39.90	ng		100
55) 4-Nitrophenol	9.79	139	224541	42.03	ng	#	69
56) 2,4-Dinitrotoluene	9.88	165	306213	41.96	ng	#	86
57) Fluorene	10.32	166	938456	38.08	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	210261	41.04	ng		99
59) Diethylphthalate	10.19	149	1011197	40.37	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	398581	37.97	ng		91
61) 4-Nitroaniline	10.34	138	269952	41.24	ng		94
62) Azobenzene	10.52	77	951624	40.16	ng		96
64) 4,6-Dinitro-2-methylphenol	10.38	198	160170	42.40	ng	#	72
65) n-Nitrosodiphenylamine	10.47	169	851868	39.94	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	247439	40.79	ng		96
67) Hexachlorobenzene	10.99	284	248541	40.48	ng	#	90
68) Atrazine	11.13	200	257183	40.26	ng		94
69) Pentachlorophenol	11.23	266	156467	40.94	ng		98
70) Phenanthrene	11.49	178	1362164	39.70	ng		99
71) Anthracene	11.56	178	1404689	39.76	ng		99
72) Carbazole	11.76	167	1428448	39.43	ng		98
73) Di-n-butylphthalate	12.20	149	1527874	40.56	ng		100
74) Fluoranthene	12.96	202	1398914	39.82	ng		99
76) Benzidine	13.12	184	763822	38.59	ng		97
77) Pyrene	13.23	202	1446777	39.87	ng		99
79) Butylbenzylphthalate	14.04	149	644095	41.65	ng	#	81
80) Benzo(a)anthracene	14.70	228	1174864	40.29	ng		99
81) 3,3'-Dichlorobenzidine	14.67	252	419875	40.28	ng	#	97
82) Chrysene	14.75	228	1073388	39.67	ng		99
83) Bis(2-ethylhexyl)phthalate	14.76	149	888699	42.13	ng		100
84) Di-n-octyl phthalate	15.52	149	1477190	41.91	ng		99
85) Indeno(1,2,3-cd)pyrene	17.74	276	875924	37.38	ng		98
87) Benzo(b)fluoranthene	15.94	252	1001600	41.44	ng		100
88) Benzo(k)fluoranthene	15.97	252	974274	40.90	ng		96
89) Benzo(a)pyrene	16.29	252	914296	41.08	ng		98
90) Dibenzo(a,h)anthracene	17.77	278	749173	39.75	ng		97
91) Benzo(g,h,i)perylene	18.16	276	746185	39.28	ng		99

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

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