Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109215.D
Acq On : 22 Sep 2018 12:30
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF092218

Quant Time: Sep 22 13:30:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 12:37:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104365	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	420764	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	199474	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	400496	20.00	ng		0.00
75) Chrysene-d12	13.84	240	307237	20.00	ng		0.00
86) Perylene-d12	15.24	264	325498	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	498265	78.64	ng		0.00
7) Phenol-d6	6.35	99	634507	78.48	ng		-0.01
23) Nitrobenzene-d5	7.27	82	580950	81.50	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	160250	81.49	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1041864	78.77	ng		0.00
78) Terphenyl-d14	12.80	244	935435	74.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	114564	39.258	ng		93
3) Pyridine	3.06	79	316143	42.092	ng		92
4) n-Nitrosodimethylamine	3.00	42	128701	40.265	ng	#	100
6) Aniline	6.37	93	408237	39.464	ng		100
8) 2-Chlorophenol	6.49	128	279296	39.638	ng		97
9) Benzaldehyde	6.25	77	202523	38.991	ng		99
10) Phenol	6.36	94	358109	39.110	ng		79
11) bis(2-Chloroethyl)ether	6.45	93	274190	38.269	ng		98
12) 1,3-Dichlorobenzene	6.65	146	317890	39.184	ng		99
13) 1,4-Dichlorobenzene	6.72	146	321845	39.378	ng		99
14) 1,2-Dichlorobenzene	6.88	146	295371	39.176	ng		98
15) Benzyl Alcohol	6.85	79	250228	40.431	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	397090	39.072	ng		96
17) 2-Methylphenol	6.96	107	224432	39.364	ng		96
18) Hexachloroethane	7.22	117	115040	39.951	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	206616	38.999	ng		98
20) 3+4-Methylphenols	7.12	107	265171	38.523	ng	#	59
22) Acetophenone	7.12	105	366241	37.648	ng	#	89
24) Nitrobenzene	7.29	77	303792	40.085	ng		99
25) Isophorone	7.53	82	491426	38.287	ng		98
26) 2-Nitrophenol	7.60	139	131058	43.727	ng		94
27) 2,4-Dimethylphenol	7.65	122	217872	38.957	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	323690	38.097	ng		99
29) 2,4-Dichlorophenol	7.85	162	233331	39.709	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	255521	38.916	ng		97
31) Naphthalene	8.01	128	753076	38.301	ng		99
32) Benzoic acid	7.77	122	149080	40.469	ng		94
33) 4-Chloroaniline	8.06	127	327754	38.157	ng		98
34) Hexachlorobutadiene	8.14	225	153587	38.802	ng		100
35) Caprolactam	8.43	113	74470	39.696	ng		89
36) 4-Chloro-3-methylphenol	8.55	107	246121	39.805	ng		98
37) 2-Methylnaphthalene	8.70	142	482319	38.052	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	243081	38.291	ng		98
40) Hexachlorocyclopentadiene	8.86	237	117462	42.421	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	165156	40.535	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	171347	39.819	ng		97
45) 1,1'-Biphenyl	9.17	154	627412	38.604	ng		97
46) 2-Chloronaphthalene	9.19	162	505132	38.905	ng		100
47) 2-Nitroaniline	9.28	65	153878	41.802	ng		95
48) Acenaphthylene	9.60	152	759452	38.773	ng		100
49) Dimethylphthalate	9.47	163	562681	38.783	ng		99
50) 2,6-Dinitrotoluene	9.52	165	123620	43.022	ng		87
51) Acenaphthene	9.77	154	467308	39.461	ng		100
52) 3-Nitroaniline	9.69	138	143699	43.183	ng		95
53) 2,4-Dinitrophenol	9.79	184	38401	42.184	ng	#	20
54) Dibenzofuran	9.95	168	678760	38.541	ng		98
55) 4-Nitrophenol	9.85	139	105200	41.966	ng		92
56) 2,4-Dinitrotoluene	9.93	165	157391	43.290	ng	#	97
57) Fluorene	10.29	166	478609	38.088	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	140428	41.216	ng		91
59) Diethylphthalate	10.16	149	571692	38.912	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	249157	37.963	ng		94
61) 4-Nitroaniline	10.30	138	140004	43.142	ng		98
62) Azobenzene	10.44	77	584468	38.290	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	63950	40.996	ng		93
65) n-Nitrosodiphenylamine	10.40	169	501620	37.909	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	167672	37.701	ng	#	85
67) Hexachlorobenzene	10.83	284	179536	38.010	ng		95
68) Atrazine	10.93	200	158979	39.065	ng		98
69) Pentachlorophenol	11.02	266	119305	42.202	ng		98
70) Phenanthrene	11.24	178	760017	38.007	ng		99
71) Anthracene	11.29	178	761605	37.551	ng		100
72) Carbazole	11.45	167	755258	37.427	ng		100
73) Di-n-butylphthalate	11.79	149	899836	38.734	ng		99
74) Fluoranthene	12.42	202	821784	38.455	ng		97
76) Benzidine	12.54	184	364381	32.894	ng		98
77) Pyrene	12.65	202	853567	38.765	ng		99
79) Butylbenzylphthalate	13.27	149	383947	40.986	ng		98
80) Benzo(a)anthracene	13.83	228	722823	39.059	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	281863	40.077	ng	#	97
82) Chrysene	13.87	228	715828	39.027	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	473482	40.077	ng		99
84) Di-n-octyl phthalate	14.44	149	867394	42.939	ng		99
85) Indeno(1,2,3-cd)pyrene	16.59	276	623963	41.969	ng		94
87) Benzo(b)fluoranthene	14.84	252	672439	37.596	ng		97
88) Benzo(k)fluoranthene	14.87	252	665716	39.224	ng		98
89) Benzo(a)pyrene	15.19	252	627452	38.932	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	518460	39.212	ng	#	95
91) Benzo(g,h,i)perylene	16.99	276	500160	38.490	ng		94

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

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