Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108777.D
Acq On : 5 Sep 2018 16:34
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Sep 05 16:56:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 16:28:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	303396	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1235710	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	591316	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	1094524	20.00	ng		0.00
75) Chrysene-d12	13.87	240	649139	20.00	ng		0.00
86) Perylene-d12	15.27	264	689488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1726546	98.86	ng		0.00
7) Phenol-d6	6.37	99	2234951	89.35	ng		0.00
23) Nitrobenzene-d5	7.30	82	2002656	82.26	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	549643	70.41	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	3189845	72.53	ng		0.00
78) Terphenyl-d14	12.82	244	2666935	79.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	438059	53.972	ng		93
3) Pyridine	3.13	79	1236265	65.925	ng		92
4) n-Nitrosodimethylamine	3.08	42	471986	50.456	ng		91
6) Aniline	6.40	93	1527212	56.581	ng		99
8) 2-Chlorophenol	6.52	128	969680	45.410	ng		99
9) Benzaldehyde	6.28	77	774442	50.092	ng		98
10) Phenol	6.38	94	1266863	43.431	ng		84
11) bis(2-Chloroethyl)ether	6.48	93	1029850	40.095	ng		97
12) 1,3-Dichlorobenzene	6.68	146	1093881	44.181	ng		97
13) 1,4-Dichlorobenzene	6.75	146	1095919	40.550	ng		99
14) 1,2-Dichlorobenzene	6.91	146	993400	40.022	ng		98
15) Benzyl Alcohol	6.88	79	881834	49.009	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1556108	39.492	ng		95
17) 2-Methylphenol	6.99	107	835746	50.338	ng		97
18) Hexachloroethane	7.25	117	402730	43.330	ng		95
19) n-Nitroso-di-n-propylamine	7.17	70	783373	46.766	ng		97
20) 3+4-Methylphenols	7.15	107	914207	43.948	ng	#	62
22) Acetophenone	7.15	105	1259707	40.836	ng	#	89
24) Nitrobenzene	7.32	77	1065045	43.145	ng		98
25) Isophorone	7.57	82	1879015	46.463	ng		98
26) 2-Nitrophenol	7.64	139	443695	39.705	ng		95
27) 2,4-Dimethylphenol	7.68	122	794682	48.898	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	1229777	48.138	ng		99
29) 2,4-Dichlorophenol	7.88	162	846258	43.891	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	881327	40.876	ng		98
31) Naphthalene	8.04	128	2519452	42.806	ng		96
32) Benzoic acid	7.81	122	509021	48.839	ng		96
33) 4-Chloroaniline	8.09	127	1157376	44.545	ng		98
34) Hexachlorobutadiene	8.17	225	532101	37.587	ng		99
35) Caprolactam	8.47	113	278063	54.123	ng		91
36) 4-Chloro-3-methylphenol	8.57	107	881702	42.607	ng		99
37) 2-Methylnaphthalene	8.73	142	1676215	42.092	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	806793	38.432	ng		98
40) Hexachlorocyclopentadiene	8.89	237	444802	59.824	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	588026	47.301	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	620489	42.802	ng		98
45) 1,1'-Biphenyl	9.20	154	2057971	39.978	ng		97
46) 2-Chloronaphthalene	9.22	162	1690081	41.937	ng		97
47) 2-Nitroaniline	9.31	65	526884	39.090	ng		94
48) Acenaphthylene	9.63	152	2468984	41.846	ng		95
49) Dimethylphthalate	9.50	163	1891557	40.623	ng	#	98
50) 2,6-Dinitrotoluene	9.55	165	423928	41.303	ng		93
51) Acenaphthene	9.80	154	1564443	44.347	ng		99
52) 3-Nitroaniline	9.72	138	509857	45.919	ng		94
53) 2,4-Dinitrophenol	9.82	184	127346	36.489	ng	#	19
54) Dibenzofuran	9.97	168	2235679	40.501	ng		93
55) 4-Nitrophenol	9.87	139	376830	61.714	ng		92
56) 2,4-Dinitrotoluene	9.95	165	523173	38.497	ng	#	96
57) Fluorene	10.31	166	1473962	34.455	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	507007	39.040	ng		89
59) Diethylphthalate	10.20	149	1976452	42.131	ng		95
60) 4-Chlorophenyl-phenylether	10.31	204	795301	32.762	ng		97
61) 4-Nitroaniline	10.33	138	456300	42.469	ng		97
62) Azobenzene	10.47	77	2000148	42.895	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	214678	44.203	ng		94
65) n-Nitrosodiphenylamine	10.43	169	1654296	45.492	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	581803	43.250	ng		91
67) Hexachlorobenzene	10.87	284	614066	42.371	ng	#	87
68) Atrazine	10.95	200	556395	54.731	ng		98
69) Pentachlorophenol	11.05	266	432386	56.147	ng		98
70) Phenanthrene	11.27	178	2321356	42.018	ng		98
71) Anthracene	11.32	178	2378701	40.978	ng		97
72) Carbazole	11.47	167	2381851	42.435	ng		96
73) Di-n-butylphthalate	11.81	149	2773013	42.940	ng	#	97
74) Fluoranthene	12.45	202	2457493	39.518	ng		98
76) Benzidine	12.57	184	1558220	85.277	ng		97
77) Pyrene	12.68	202	2484511	50.915	ng		95
79) Butylbenzylphthalate	13.30	149	1194661	58.222	ng		93
80) Benzo(a)anthracene	13.85	228	2039354	51.534	ng		97
81) 3,3'-Dichlorobenzidine	13.82	252	783625	54.603	ng		97
82) Chrysene	13.89	228	1924991	50.582	ng		96
83) Bis(2-ethylhexyl)phthalate	13.87	149	1443721	54.740	ng		99
84) Di-n-octyl phthalate	14.48	149	2358989	60.834	ng		99
85) Indeno(1,2,3-cd)pyrene	16.62	276	1840857	69.567	ng		96
87) Benzo(b)fluoranthene	14.87	252	1706738	40.296	ng		98
88) Benzo(k)fluoranthene	14.90	252	1669946	39.801	ng		98
89) Benzo(a)pyrene	15.21	252	1610581	42.078	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	1493622	48.859	ng		97
91) Benzo(g,h,i)perylene	17.03	276	1547932	52.099	ng		94

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

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