Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108776.D
Acq On : 5 Sep 2018 16:08
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Sep 05 16:35:26 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	315873	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1254789	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	597984	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	1117562	20.00	ng		0.00
75) Chrysene-d12	13.87	240	693584	20.00	ng		0.00
86) Perylene-d12	15.27	264	711800	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1466452	80.65	ng		0.00
7) Phenol-d6	6.37	99	1896079	72.81	ng		0.00
23) Nitrobenzene-d5	7.30	82	1657865	67.06	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	459604	58.22	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2814613	63.29	ng		0.00
78) Terphenyl-d14	12.82	244	2328133	65.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	361205	42.745	ng		94
3) Pyridine	3.14	79	1000816	51.261	ng		90
4) n-Nitrosodimethylamine	3.08	42	390139	40.059	ng		92
6) Aniline	6.40	93	1303498	46.385	ng		99
8) 2-Chlorophenol	6.52	128	827611	37.226	ng		99
9) Benzaldehyde	6.28	77	661425	41.092	ng		99
10) Phenol	6.38	94	1104870	36.382	ng		91
11) bis(2-Chloroethyl)ether	6.47	93	871653	32.596	ng		98
12) 1,3-Dichlorobenzene	6.68	146	935045	36.274	ng		99
13) 1,4-Dichlorobenzene	6.75	146	935381	33.243	ng		98
14) 1,2-Dichlorobenzene	6.91	146	859422	33.257	ng		99
15) Benzyl Alcohol	6.88	79	746246	39.835	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1323418	32.260	ng		96
17) 2-Methylphenol	6.99	107	702980	40.669	ng		98
18) Hexachloroethane	7.25	117	343972	35.546	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	661339	37.921	ng		97
20) 3+4-Methylphenols	7.15	107	781462	36.083	ng	#	56
22) Acetophenone	7.15	105	1084056	34.607	ng	#	92
24) Nitrobenzene	7.32	77	891149	35.552	ng		98
25) Isophorone	7.56	82	1563759	38.080	ng		98
26) 2-Nitrophenol	7.63	139	354597	31.250	ng		96
27) 2,4-Dimethylphenol	7.67	122	684542	41.480	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	1048473	40.417	ng		99
29) 2,4-Dichlorophenol	7.87	162	715505	36.546	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	758840	34.660	ng		98
31) Naphthalene	8.04	128	2202024	36.844	ng		98
32) Benzoic acid	7.80	122	444409	41.992	ng		99
33) 4-Chloroaniline	8.08	127	1015009	38.472	ng		98
34) Hexachlorobutadiene	8.17	225	454337	31.606	ng		99
35) Caprolactam	8.46	113	230479	44.179	ng		91
36) 4-Chloro-3-methylphenol	8.57	107	746889	35.544	ng		99
37) 2-Methylnaphthalene	8.73	142	1426902	35.287	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	701801	33.058	ng		98
40) Hexachlorocyclopentadiene	8.89	237	376599	50.086	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	503976	40.088	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	522169	35.619	ng		94
45) 1,1'-Biphenyl	9.20	154	1771826	34.035	ng		98
46) 2-Chloronaphthalene	9.22	162	1472527	36.131	ng		97
47) 2-Nitroaniline	9.31	65	429646	31.520	ng		97
48) Acenaphthylene	9.63	152	2155528	36.126	ng		97
49) Dimethylphthalate	9.50	163	1613168	34.258	ng		98
50) 2,6-Dinitrotoluene	9.55	165	350514	33.770	ng		88
51) Acenaphthene	9.80	154	1330288	37.289	ng		98
52) 3-Nitroaniline	9.72	138	411683	36.664	ng		98
53) 2,4-Dinitrophenol	9.81	184	93453	26.479	ng	#	34
54) Dibenzofuran	9.97	168	1905721	34.138	ng		94
55) 4-Nitrophenol	9.87	139	311681	50.475	ng		94
56) 2,4-Dinitrotoluene	9.95	165	434621	31.624	ng		92
57) Fluorene	10.31	166	1270379	29.365	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	420213	31.996	ng		89
59) Diethylphthalate	10.20	149	1694650	35.721	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	682401	27.798	ng		97
61) 4-Nitroaniline	10.32	138	367641	33.836	ng		96
62) Azobenzene	10.47	77	1729656	36.681	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	164385	33.150	ng		99
65) n-Nitrosodiphenylamine	10.42	169	1438902	38.753	ng		96
66) 4-Bromophenyl-phenylether	10.80	248	491222	35.764	ng	#	88
67) Hexachlorobenzene	10.86	284	523879	35.403	ng		93
68) Atrazine	10.95	200	461200	44.431	ng		97
69) Pentachlorophenol	11.05	266	355367	45.195	ng		97
70) Phenanthrene	11.27	178	2041634	36.193	ng		97
71) Anthracene	11.32	178	2057229	34.709	ng		97
72) Carbazole	11.47	167	2038464	35.568	ng		98
73) Di-n-butylphthalate	11.81	149	2389433	36.238	ng		97
74) Fluoranthene	12.45	202	2128359	33.520	ng		98
76) Benzidine	12.57	184	1356465	69.478	ng		98
77) Pyrene	12.68	202	2174994	41.716	ng		97
79) Butylbenzylphthalate	13.30	149	1017897	46.429	ng		95
80) Benzo(a)anthracene	13.85	228	1773047	41.933	ng		98
81) 3,3'-Dichlorobenzidine	13.82	252	708932	46.233	ng	#	97
82) Chrysene	13.89	228	1750247	43.044	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	1280502	45.440	ng		99
84) Di-n-octyl phthalate	14.48	149	2071731	50.002	ng		100
85) Indeno(1,2,3-cd)pyrene	16.62	276	1501599	53.110	ng		96
87) Benzo(b)fluoranthene	14.87	252	1488694	34.047	ng		99
88) Benzo(k)fluoranthene	14.90	252	1434119	33.109	ng		98
89) Benzo(a)pyrene	15.21	252	1366334	34.578	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	1237384	39.208	ng		97
91) Benzo(g,h,i)perylene	17.02	276	1251390	40.798	ng		95

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

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