Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
Data File : BF108778.D
Acq On : 5 Sep 2018 17:01
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
9/5/2018 7:11:51 PM

Quant Time: Sep 05 17:26:31 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	324588	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	1295184	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	617946	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	1156188	20.00	ng		0.00
75) Chrysene-d12	13.87	240	638614	20.00	ng		0.00
86) Perylene-d12	15.27	264	706248	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	2127066	113.84	ng		0.00
7) Phenol-d6	6.38	99	2696273	100.75	ng		0.01
23) Nitrobenzene-d5	7.31	82	2488305	97.52	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	680310	83.40	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	3767880	81.98	ng		0.00
78) Terphenyl-d14	12.83	244	3182946	96.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	539987	62.186	ng		93
3) Pyridine	3.13	79	1538372	76.679	ng		91
4) n-Nitrosodimethylamine	3.09	42	593080	59.262	ng		90
6) Aniline	6.40	93	1864021	64.550	ng		100
8) 2-Chlorophenol	6.52	128	1178893	51.603	ng		99
9) Benzaldehyde	6.28	77	933103	56.414	ng		98
10) Phenol	6.39	94	1524332	48.846	ng		78
11) bis(2-Chloroethyl)ether	6.48	93	1268656	46.168	ng		98
12) 1,3-Dichlorobenzene	6.68	146	1347198	50.860	ng		97
13) 1,4-Dichlorobenzene	6.75	146	1321826	45.716	ng		98
14) 1,2-Dichlorobenzene	6.91	146	1171814	44.128	ng		98
15) Benzyl Alcohol	6.88	79	1057404	54.930	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1907107	45.239	ng		95
17) 2-Methylphenol	6.99	107	1036939	58.379	ng		97
18) Hexachloroethane	7.25	117	507359	51.023	ng		99
19) n-Nitroso-di-n-propylamine	7.17	70	976932	54.513	ng		96
20) 3+4-Methylphenols	7.15	107	1099958	49.425	ng	#	65
22) Acetophenone	7.15	105	1551463	47.984	ng	#	88
24) Nitrobenzene	7.32	77	1284184	49.634	ng		99
25) Isophorone	7.57	82	2376232	56.060	ng		97
26) 2-Nitrophenol	7.64	139	577727	49.326	ng		96
27) 2,4-Dimethylphenol	7.68	122	1001825	58.813	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	1513575	56.526	ng		98
29) 2,4-Dichlorophenol	7.88	162	1049082	51.912	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	1085196	48.021	ng		97
31) Naphthalene	8.04	128	3002505	48.670	ng		95
32) Benzoic acid	7.84	122	787619	72.100	ng		99
33) 4-Chloroaniline	8.09	127	1415851	51.991	ng		99
34) Hexachlorobutadiene	8.17	225	655657	44.188	ng		100
35) Caprolactam	8.48	113	355520m	66.022	ng		
36) 4-Chloro-3-methylphenol	8.58	107	1095902	50.526	ng		99
37) 2-Methylnaphthalene	8.73	142	1994662	47.789	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	977952	44.578	ng		98
40) Hexachlorocyclopentadiene	8.90	237	560516	72.138	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	761129	58.587	ng		100
43) 2,4,5-Trichlorophenol	9.05	196	759176	50.113	ng		97
45) 1,1'-Biphenyl	9.20	154	2406894	44.741	ng		96
46) 2-Chloronaphthalene	9.22	162	2014295	47.828	ng		96
47) 2-Nitroaniline	9.31	65	675501	47.956	ng		98
48) Acenaphthylene	9.64	152	2947701	47.807	ng		96
49) Dimethylphthalate	9.51	163	2315546	47.586	ng	#	97
50) 2,6-Dinitrotoluene	9.56	165	542879	50.613	ng		97
51) Acenaphthene	9.81	154	1898785	51.505	ng		97
52) 3-Nitroaniline	9.72	138	624922	53.857	ng		94
53) 2,4-Dinitrophenol	9.82	184	176687	48.445	ng	#	16
54) Dibenzofuran	9.98	168	2626778	45.535	ng		92
55) 4-Nitrophenol	9.88	139	485079	76.019	ng		97
56) 2,4-Dinitrotoluene	9.96	165	673733	47.439	ng	#	98
57) Fluorene	10.32	166	1730688	38.713	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	627665	46.248	ng		90
59) Diethylphthalate	10.20	149	2408592	49.130	ng		94
60) 4-Chlorophenyl-phenylether	10.31	204	935344	36.871	ng		94
61) 4-Nitroaniline	10.34	138	567306	50.525	ng		98
62) Azobenzene	10.47	77	2396924	49.189	ng		95
64) 4,6-Dinitro-2-methylphenol	10.37	198	291985	56.915	ng		91
65) n-Nitrosodiphenylamine	10.43	169	2035073	52.979	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	708955	49.892	ng	#	86
67) Hexachlorobenzene	10.87	284	745332	48.686	ng	#	90
68) Atrazine	10.96	200	682387	63.544	ng		98
69) Pentachlorophenol	11.05	266	537938	66.128	ng		97
70) Phenanthrene	11.27	178	2806080	48.083	ng		95
71) Anthracene	11.32	178	2777287	45.292	ng		94
72) Carbazole	11.47	167	2847162	48.019	ng		96
73) Di-n-butylphthalate	11.82	149	3270297	47.940	ng	#	96
74) Fluoranthene	12.45	202	2923343	44.502	ng		96
76) Benzidine	12.57	184	1790184	99.586	ng	#	94
77) Pyrene	12.68	202	2966801	61.800	ng		94
79) Butylbenzylphthalate	13.31	149	1472767	72.959	ng	#	97
80) Benzo(a)anthracene	13.86	228	2415516	62.045	ng		96
81) 3,3'-Dichlorobenzidine	13.82	252	975177	69.070	ng		98
82) Chrysene	13.90	228	2369617	63.292	ng		95
83) Bis(2-ethylhexyl)phthalate	13.87	149	1742684	67.164	ng		98
84) Di-n-octyl phthalate	14.48	149	2915976	76.437	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	2131919	81.894	ng		96
87) Benzo(b)fluoranthene	14.88	252	2207519	50.883	ng		98
88) Benzo(k)fluoranthene	14.91	252	1931926	44.952	ng		97
89) Benzo(a)pyrene	15.22	252	1957695	49.933	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	1734572	55.394	ng		96
91) Benzo(g,h,i)perylene	17.04	276	1785717	58.676	ng		94

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

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