Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105147.D
Acq On : 8 May 2018 16:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/9/2018 6:50:52 PM

Quant Time: May 08 19:04:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	194657	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	779693	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	381120	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	752004	20.00	ng		0.00
75) Chrysene-d12	14.03	240	588885	20.00	ng		0.01
86) Perylene-d12	15.60	264	566957	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	857339	72.56	ng		0.00
7) Phenol-d6	6.42	99	1039730	73.90	ng		0.00
23) Nitrobenzene-d5	7.36	82	884432	76.88	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	328502	78.13	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1707633	69.54	ng		0.00
78) Terphenyl-d14	12.91	244	1751455	69.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	209432	33.524	ng		88
3) Pyridine	3.23	79	585443	34.944	ng		88
4) n-Nitrosodimethylamine	3.20	42	294437	34.673	ng		84
6) Aniline	6.46	93	716044	34.848	ng		94
8) 2-Chlorophenol	6.57	128	460295	36.723	ng		95
9) Benzaldehyde	6.35	77	375376	34.810	ng		98
10) Phenol	6.43	94	553162	35.330	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	442291	34.275	ng		93
12) 1,3-Dichlorobenzene	6.73	146	520829	34.473	ng		99
13) 1,4-Dichlorobenzene	6.81	146	533549	35.317	ng		99
14) 1,2-Dichlorobenzene	6.96	146	488168	35.030	ng		99
15) Benzyl Alcohol	6.93	79	400987	37.239	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	821191	34.244	ng		97
17) 2-Methylphenol	7.04	107	384553	35.534	ng		99
18) Hexachloroethane	7.30	117	181140	37.260	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	328185	35.232	ng		92
20) 3+4-Methylphenols	7.20	107	465717	36.619	ng	#	80
22) Acetophenone	7.20	105	624611	34.368	ng	#	91
24) Nitrobenzene	7.38	77	491652	37.691	ng		99
25) Isophorone	7.62	82	898318	34.915	ng		98
26) 2-Nitrophenol	7.69	139	204037	40.938	ng		96
27) 2,4-Dimethylphenol	7.73	122	412823	36.106	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	552507	34.796	ng		99
29) 2,4-Dichlorophenol	7.93	162	392151	36.662	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	430868	34.927	ng		98
31) Naphthalene	8.10	128	1296607	34.537	ng		99
32) Benzoic acid	7.83	122	252651	40.532	ng		93
33) 4-Chloroaniline	8.15	127	555071	35.556	ng		97
34) Hexachlorobutadiene	8.22	225	247912	34.690	ng		99
35) Caprolactam	8.52	113	122046	37.570	ng	#	80
36) 4-Chloro-3-methylphenol	8.62	107	403296	36.214	ng		96
37) 2-Methylnaphthalene	8.79	142	907946	34.698	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	433569	35.750	ng		98
40) Hexachlorocyclopentadiene	8.94	237	268960	41.013	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	273784	37.001	ng		95
43) 2,4,5-Trichlorophenol	9.10	196	297610	38.493	ng		91
45) 1,1'-Biphenyl	9.25	154	1092607	35.186	ng		99
46) 2-Chloronaphthalene	9.27	162	821027	35.376	ng		97
47) 2-Nitroaniline	9.37	65	256701	39.562	ng		86
48) Acenaphthylene	9.69	152	1290057	35.990	ng		99
49) Dimethylphthalate	9.56	163	950012	36.821	ng		98
50) 2,6-Dinitrotoluene	9.62	165	219673	39.239	ng		96
51) Acenaphthene	9.86	154	826961	35.798	ng		98
52) 3-Nitroaniline	9.79	138	235197	39.885	ng		93
53) 2,4-Dinitrophenol	9.89	184	80766	46.171	ng	#	16
54) Dibenzofuran	10.03	168	1205564	35.677	ng		100
55) 4-Nitrophenol	9.93	139	194232	38.932	ng		98
56) 2,4-Dinitrotoluene	10.02	165	285350	39.062	ng		97
57) Fluorene	10.38	166	860713	34.732	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	262915	38.097	ng	#	88
59) Diethylphthalate	10.26	149	948933	37.424	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	419540	36.367	ng		89
61) 4-Nitroaniline	10.40	138	232558	39.632	ng		98
62) Azobenzene	10.53	77	937784	35.453	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	120830	44.407	ng		82
65) n-Nitrosodiphenylamine	10.49	169	814949	34.765	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	281968	35.157	ng	#	88
67) Hexachlorobenzene	10.92	284	323967	35.057	ng	#	90
68) Atrazine	11.02	200	264652	36.022	ng		97
69) Pentachlorophenol	11.12	266	198313	38.108	ng		99
70) Phenanthrene	11.34	178	1338351	33.757	ng		99
71) Anthracene	11.39	178	1400608	34.768	ng		99
72) Carbazole	11.54	167	1270790	35.008	ng		99
73) Di-n-butylphthalate	11.88	149	1447908	37.293	ng		99
74) Fluoranthene	12.53	202	1456712	35.262	ng		98
76) Benzidine	12.66	184	830441	37.764	ng		96
77) Pyrene	12.76	202	1505672	35.153	ng		99
79) Butylbenzylphthalate	13.41	149	586837	39.360	ng		96
80) Benzo(a)anthracene	14.02	228	1254966	35.139	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	518556	38.621	ng	#	96
82) Chrysene	14.06	228	1282099	34.858	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	723940	40.880	ng		100
84) Di-n-octyl phthalate	14.72	149	1297514	39.256	ng		97
85) Indeno(1,2,3-cd)pyrene	17.05	276	1015998	34.858	ng		94
87) Benzo(b)fluoranthene	15.17	252	1240334	35.759	ng		98
88) Benzo(k)fluoranthene	15.20	252	1163893m	34.605	ng		
89) Benzo(a)pyrene	15.54	252	1137273	36.051	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	826778	33.744	ng		95
91) Benzo(g,h,i)perylene	17.49	276	816268	34.053	ng		95

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

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