Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103970.D
Acq On : 27 Mar 2018 15:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/28/2018 4:54:04 PM

Quant Time: Mar 28 04:07:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130499	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	542491	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	255356	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	466694	20.00	ng		0.00
75) Chrysene-d12	14.16	240	358900	20.00	ng		0.00
86) Perylene-d12	15.70	264	322948	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	703933	82.04	ng		0.01
7) Phenol-d6	6.61	99	849214	80.90	ng		0.01
23) Nitrobenzene-d5	7.54	82	757046	97.32	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	240463	109.52	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1333587	83.31	ng		0.00
78) Terphenyl-d14	13.09	244	1287895	83.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	157688	37.325	ng	#	89
3) Pyridine	3.62	79	420779	36.211	ng		85
4) n-Nitrosodimethylamine	3.59	42	137899m	32.185	ng		
6) Aniline	6.65	93	578282	38.581	ng		100
8) 2-Chlorophenol	6.76	128	377454	41.996	ng		94
9) Benzaldehyde	6.53	77	228160	33.086	ng		97
10) Phenol	6.62	94	482620	43.269	ng		98
11) bis(2-Chloroethyl)ether	6.71	93	355170	38.572	ng		92
12) 1,3-Dichlorobenzene	6.91	146	427015	41.714	ng		100
13) 1,4-Dichlorobenzene	6.99	146	436413	42.426	ng		99
14) 1,2-Dichlorobenzene	7.15	146	397706	41.665	ng		98
15) Benzyl Alcohol	7.12	79	309456	38.049	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	454306	34.689	ng		81
17) 2-Methylphenol	7.22	107	322249	40.262	ng		97
18) Hexachloroethane	7.48	117	153623	42.457	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	252011	37.462	ng		94
20) 3+4-Methylphenols	7.38	107	388707	38.268	ng	#	66
22) Acetophenone	7.39	105	524232	37.600	ng		96
24) Nitrobenzene	7.56	77	396864	43.455	ng		97
25) Isophorone	7.79	82	694140	38.545	ng		100
26) 2-Nitrophenol	7.87	139	211458	58.326	ng		95
27) 2,4-Dimethylphenol	7.90	122	300795	38.989	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	434703	39.864	ng		100
29) 2,4-Dichlorophenol	8.12	162	311948	44.444	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	349040	42.876	ng		98
31) Naphthalene	8.28	128	1115406	40.703	ng		100
32) Benzoic acid	8.04	122	237863	44.584	ng		98
33) 4-Chloroaniline	8.33	127	477033	41.493	ng		97
34) Hexachlorobutadiene	8.39	225	192557	43.142	ng		98
35) Caprolactam	8.71	113	106141	43.917	ng	#	79
36) 4-Chloro-3-methylphenol	8.81	107	329758	42.617	ng		96
37) 2-Methylnaphthalene	8.97	142	719755	41.417	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	317093	43.527	ng		99
40) Hexachlorocyclopentadiene	9.12	237	147908	39.347	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	220126	47.240	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	250716	47.671	ng		93
45) 1,1'-Biphenyl	9.43	154	883406	41.488	ng		98
46) 2-Chloronaphthalene	9.46	162	705595	41.721	ng		98
47) 2-Nitroaniline	9.56	65	209981	47.538	ng		91
48) Acenaphthylene	9.88	152	1082146	41.263	ng		100
49) Dimethylphthalate	9.73	163	846292	43.439	ng		100
50) 2,6-Dinitrotoluene	9.80	165	188138	49.761	ng		94
51) Acenaphthene	10.05	154	627571	40.301	ng		100
52) 3-Nitroaniline	9.97	138	213572	47.341	ng		99
53) 2,4-Dinitrophenol	10.07	184	67623	66.643	ng	#	24
54) Dibenzofuran	10.22	168	919562	41.347	ng		99
55) 4-Nitrophenol	10.14	139	152948	45.186	ng		91
56) 2,4-Dinitrotoluene	10.20	165	246875	51.226	ng		91
57) Fluorene	10.56	166	737515	42.735	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	186465	50.036	ng		92
59) Diethylphthalate	10.43	149	808623	41.818	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	342915	43.478	ng		97
61) 4-Nitroaniline	10.60	138	214069	49.146	ng		93
62) Azobenzene	10.72	77	732906	37.280	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	125763	63.578	ng	#	76
65) n-Nitrosodiphenylamine	10.67	169	665738	41.909	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	210824	43.998	ng	#	88
67) Hexachlorobenzene	11.11	284	241161	44.096	ng		94
68) Atrazine	11.20	200	213280	43.402	ng		99
69) Pentachlorophenol	11.31	266	143121	45.519	ng		96
70) Phenanthrene	11.53	178	1037533	40.641	ng		99
71) Anthracene	11.59	178	1068761	41.219	ng		99
72) Carbazole	11.75	167	1032430	40.966	ng		100
73) Di-n-butylphthalate	12.05	149	1258136	41.606	ng		100
74) Fluoranthene	12.73	202	1082697	41.166	ng		97
76) Benzidine	12.85	184	665309	43.464	ng		98
77) Pyrene	12.96	202	1107468	42.017	ng		99
79) Butylbenzylphthalate	13.56	149	529686	45.359	ng		91
80) Benzo(a)anthracene	14.15	228	941965	41.463	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	304862	40.118	ng		98
82) Chrysene	14.19	228	905499	41.812	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	645125	38.671	ng		100
84) Di-n-octyl phthalate	14.74	149	1085232	44.715	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	796681	42.125	ng		96
87) Benzo(b)fluoranthene	15.24	252	851144	41.716	ng		98
88) Benzo(k)fluoranthene	15.27	252	816452	41.628	ng		99
89) Benzo(a)pyrene	15.64	252	767882	41.494	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	664954	41.497	ng		99
91) Benzo(g,h,i)perylene	17.77	276	655806	42.069	ng		95

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

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