Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088898.D
Acq On : 11 Jul 2016 14:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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7/12/2016 7:36:49 PM

Quant Time: Jul 11 18:15:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	69671	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	299796	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	137319	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	264662	20.00	ng		0.00
75) Chrysene-d12	13.85	240	194523	20.00	ng		0.00
86) Perylene-d12	15.21	264	171543	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	357000	76.79	ng		0.00
7) Phenol-d6	6.35	99	448451	74.66	ng		0.00
23) Nitrobenzene-d5	7.28	82	399616	69.85	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	126760	99.41	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	701050	80.64	ng		0.00
78) Terphenyl-d14	12.80	244	701071	80.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	85354	37.03	ng	#	41
3) Pyridine	2.88	79	234169	35.01	ng		92
4) n-Nitrosodimethylamine	2.83	42	85711	33.55	ng		88
6) Aniline	6.38	93	326211	37.26	ng		99
8) 2-Chlorophenol	6.49	128	194935	39.02	ng		98
9) Benzaldehyde	6.25	77	133094	32.71	ng		87
10) Phenol	6.36	94	244932	35.73	ng	#	49
11) bis(2-Chloroethyl)ether	6.46	93	204760	40.05	ng	#	82
12) 1,3-Dichlorobenzene	6.65	146	225844	41.08	ng		99
13) 1,4-Dichlorobenzene	6.73	146	236833	43.40	ng		99
14) 1,2-Dichlorobenzene	6.88	146	197476	38.66	ng	#	88
15) Benzyl Alcohol	6.86	79	160755	36.36	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	239727	32.38	ng		90
17) 2-Methylphenol	6.98	107	167920	41.20	ng		99
18) Hexachloroethane	7.22	117	84159	39.87	ng	#	83
19) n-Nitroso-di-n-propylamine	7.14	70	157690	39.08	ng	#	84
20) 3+4-Methylphenols	7.13	107	183928	37.60	ng	#	70
22) Acetophenone	7.13	105	299294	41.13	ng	#	90
24) Nitrobenzene	7.30	77	237215	41.13	ng		93
25) Isophorone	7.54	82	377255	35.60	ng		97
26) 2-Nitrophenol	7.61	139	97520	41.23	ng		93
27) 2,4-Dimethylphenol	7.67	122	186019	37.76	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	267553	38.80	ng	#	96
29) 2,4-Dichlorophenol	7.86	162	165384	41.54	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	179355	41.05	ng		100
31) Naphthalene	8.02	128	638493	43.20	ng		99
32) Benzoic acid	7.80	122	144845	40.50	ng		96
33) 4-Chloroaniline	8.07	127	237553	36.12	ng		95
34) Hexachlorobutadiene	8.15	225	103527	44.25	ng		98
35) Caprolactam	8.44	113	51827	38.33	ng		93
36) 4-Chloro-3-methylphenol	8.56	107	190150	40.39	ng		93
37) 2-Methylnaphthalene	8.71	142	352875	37.08	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	207612	45.46	ng	#	1
40) Hexachlorocyclopentadiene	8.87	237	79394	35.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	120743	40.10	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	111972	43.22	ng	#	88
45) 1,1'-Biphenyl	9.18	154	494587	43.50	ng		97
46) 2-Chloronaphthalene	9.20	162	382840	42.89	ng		99
47) 2-Nitroaniline	9.29	65	109587	34.59	ng		98
48) Acenaphthylene	9.61	152	614393	43.26	ng		99
49) Dimethylphthalate	9.48	163	428569	43.81	ng		99
50) 2,6-Dinitrotoluene	9.54	165	100171	46.20	ng		97
51) Acenaphthene	9.78	154	378209	43.44	ng		98
52) 3-Nitroaniline	9.70	138	96694	35.08	ng		91
53) 2,4-Dinitrophenol	9.80	184	40073	41.86	ng	#	77
54) Dibenzofuran	9.95	168	486026	42.65	ng	#	90
55) 4-Nitrophenol	9.87	139	82039	39.17	ng	#	68
56) 2,4-Dinitrotoluene	9.94	165	128491	45.32	ng	#	89
57) Fluorene	10.30	166	397719	45.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	81971	40.89	ng	#	48
59) Diethylphthalate	10.18	149	411810	41.94	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	157475	38.59	ng	#	87
61) 4-Nitroaniline	10.32	138	112687	42.48	ng		95
62) Azobenzene	10.44	77	419652	37.47	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	58708	41.47	ng		93
65) n-Nitrosodiphenylamine	10.41	169	367168	40.99	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	112160	42.05	ng		94
67) Hexachlorobenzene	10.83	284	113644	38.49	ng	#	90
68) Atrazine	10.94	200	97097	34.79	ng		91
69) Pentachlorophenol	11.03	266	64330	36.82	ng		98
70) Phenanthrene	11.24	178	525049	36.29	ng		99
71) Anthracene	11.30	178	605034	42.06	ng		98
72) Carbazole	11.45	167	472100	34.87	ng		99
73) Di-n-butylphthalate	11.79	149	611359	38.82	ng		99
74) Fluoranthene	12.42	202	552241	37.65	ng		98
76) Benzidine	12.55	184	427140	43.44	ng		99
77) Pyrene	12.65	202	562736	34.12	ng		99
79) Butylbenzylphthalate	13.28	149	256896	34.92	ng	#	76
80) Benzo(a)anthracene	13.84	228	488835	39.03	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	194864	41.38	ng	#	98
82) Chrysene	13.87	228	490914	39.61	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	341279	40.63	ng	#	97
84) Di-n-octyl phthalate	14.46	149	622254	43.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.50	276	355298	37.27	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	398528m	37.03	ng		
88) Benzo(k)fluoranthene	14.87	252	434316m	46.36	ng		
89) Benzo(a)pyrene	15.17	252	382707	42.00	ng	#	92
90) Dibenzo(a,h)anthracene	16.51	278	308842	40.59	ng		99
91) Benzo(g,h,i)perylene	16.89	276	307490	39.06	ng	#	94

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

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