Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF099999.D
Acq On : 31 Oct 2017 13:34
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/1/2017 2:37:35 PM

Quant Time: Oct 31 16:56:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	79517	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	333717	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	159160	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	293348	20.00	ng		0.00
75) Chrysene-d12	13.99	240	243449	20.00	ng		0.00
86) Perylene-d12	15.47	264	235476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	399525	78.88	ng		0.00
7) Phenol-d6	6.43	99	463295	77.14	ng		0.00
23) Nitrobenzene-d5	7.36	82	384129	74.11	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	111193	76.66	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	783747	75.97	ng		0.00
78) Terphenyl-d14	12.90	244	769278	69.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	84650	37.847	ng	#	88
3) Pyridine	3.26	79	203434	37.823	ng	#	89
4) n-Nitrosodimethylamine	3.21	42	67762	35.265	ng	#	65
6) Aniline	6.46	93	301286	38.692	ng		97
8) 2-Chlorophenol	6.57	128	211682	39.214	ng		94
9) Benzaldehyde	6.35	77	132603	36.950	ng		89
10) Phenol	6.45	94	251124	38.085	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	192611	37.828	ng		93
12) 1,3-Dichlorobenzene	6.73	146	231930m	38.265	ng		
13) 1,4-Dichlorobenzene	6.80	146	240629	39.117	ng		97
14) 1,2-Dichlorobenzene	6.96	146	218977	39.059	ng		96
15) Benzyl Alcohol	6.94	79	146811	38.439	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	211967	37.475	ng		50
17) 2-Methylphenol	7.05	107	171625	38.009	ng		98
18) Hexachloroethane	7.29	117	76458	37.255	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	136262	38.718	ng		90
20) 3+4-Methylphenols	7.21	107	216090	41.100	ng	#	64
22) Acetophenone	7.20	105	285592	37.586	ng	#	95
24) Nitrobenzene	7.38	77	190493	36.473	ng		90
25) Isophorone	7.62	82	347368	36.931	ng		95
26) 2-Nitrophenol	7.69	139	116765	39.033	ng		89
27) 2,4-Dimethylphenol	7.73	122	169048	38.354	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	245695	37.298	ng		99
29) 2,4-Dichlorophenol	7.94	162	178370	38.957	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	183416	37.492	ng		97
31) Naphthalene	8.09	128	603585	37.469	ng		99
32) Benzoic acid	7.90	122	149567	38.552	ng		89
33) 4-Chloroaniline	8.15	127	259997	39.086	ng	#	94
34) Hexachlorobutadiene	8.20	225	94249	37.455	ng		99
35) Caprolactam	8.53	113	55897	38.820	ng	#	75
36) 4-Chloro-3-methylphenol	8.64	107	177965	38.081	ng		93
37) 2-Methylnaphthalene	8.78	142	409321	37.917	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	192638	37.475	ng	#	98
40) Hexachlorocyclopentadiene	8.93	237	35070	42.911	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	113608	36.537	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	119495	36.215	ng	#	92
45) 1,1'-Biphenyl	9.25	154	533528	37.055	ng		99
46) 2-Chloronaphthalene	9.27	162	385390	36.856	ng		96
47) 2-Nitroaniline	9.39	65	103036	37.544	ng	#	81
48) Acenaphthylene	9.69	152	596794	37.056	ng		99
49) Dimethylphthalate	9.55	163	452580	35.907	ng		99
50) 2,6-Dinitrotoluene	9.63	165	98761	37.273	ng	#	78
51) Acenaphthene	9.86	154	365896	37.182	ng		98
52) 3-Nitroaniline	9.80	138	120819	38.698	ng		81
53) 2,4-Dinitrophenol	9.93	184	39160	40.498	ng		87
54) Dibenzofuran	10.03	168	522889	37.643	ng		98
55) 4-Nitrophenol	9.99	139	59995	36.777	ng	#	76
56) 2,4-Dinitrotoluene	10.04	165	126918	39.774	ng		91
57) Fluorene	10.38	166	434187	37.752	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	88774	38.372	ng	#	90
59) Diethylphthalate	10.25	149	449130	36.489	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	202511	37.413	ng		97
61) 4-Nitroaniline	10.42	138	112761	37.856	ng		85
62) Azobenzene	10.53	77	371657	36.021	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	68305	37.042	ng	#	74
65) n-Nitrosodiphenylamine	10.49	169	398026	36.756	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	113676	36.809	ng		90
67) Hexachlorobenzene	10.93	284	117493	37.188	ng	#	86
68) Atrazine	11.02	200	120143	36.935	ng		100
69) Pentachlorophenol	11.14	266	44093m	32.661	ng		
70) Phenanthrene	11.35	178	608751	36.771	ng		99
71) Anthracene	11.40	178	629009	37.431	ng		99
72) Carbazole	11.56	167	596729	37.762	ng		97
73) Di-n-butylphthalate	11.87	149	729944	36.215	ng	#	98
74) Fluoranthene	12.54	202	636789	37.013	ng		99
76) Benzidine	12.67	184	375394	35.240	ng		100
77) Pyrene	12.77	202	657910	35.540	ng		99
79) Butylbenzylphthalate	13.37	149	315732	34.636	ng		91
80) Benzo(a)anthracene	13.97	228	545828	35.368	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	202321	36.115	ng		98
82) Chrysene	14.01	228	521159	35.920	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	410887	32.097	ng		99
84) Di-n-octyl phthalate	14.57	149	750150	34.142	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.98	276	503463	37.799	ng		97
87) Benzo(b)fluoranthene	15.05	252	520563	35.009	ng		99
88) Benzo(k)fluoranthene	15.08	252	502101	35.810	ng		98
89) Benzo(a)pyrene	15.42	252	482666	36.137	ng		99
90) Dibenzo(a,h)anthracene	16.97	278	426472	35.934	ng		97
91) Benzo(g,h,i)perylene	17.42	276	420779	36.238	ng		99

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

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