Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104093.D
Acq On : 30 Mar 2018 15:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/2/2018 5:05:28 PM

Quant Time: Mar 30 17:26:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93364	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	395889	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	190913	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	353563	20.00	ng		0.00
75) Chrysene-d12	14.14	240	273544	20.00	ng		0.00
86) Perylene-d12	15.68	264	231974	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	434733	74.26	ng		0.00
7) Phenol-d6	6.59	99	574698	79.79	ng		0.00
23) Nitrobenzene-d5	7.53	82	541726	83.68	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	177714	83.60	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1057228	87.33	ng		0.00
78) Terphenyl-d14	13.07	244	1053671	88.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	95282	37.736	ng		88
3) Pyridine	3.59	79	217315m	33.997	ng		
4) n-Nitrosodimethylamine	3.57	42	70290m	36.995	ng		
6) Aniline	6.63	93	338104	39.211	ng		91
8) 2-Chlorophenol	6.75	128	260298	40.532	ng		96
9) Benzaldehyde	6.52	77	157270	43.458	ng		98
10) Phenol	6.60	94	300798	37.691	ng		97
11) bis(2-Chloroethyl)ether	6.69	93	314458	45.725	ng		87
12) 1,3-Dichlorobenzene	6.90	146	278959	38.643	ng		98
13) 1,4-Dichlorobenzene	6.97	146	327013	42.276	ng		98
14) 1,2-Dichlorobenzene	7.13	146	282884	40.688	ng		99
15) Benzyl Alcohol	7.10	79	160867	34.350	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	304474	40.639	ng		63
17) 2-Methylphenol	7.21	107	217010	41.518	ng	#	92
18) Hexachloroethane	7.46	117	107947	41.681	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	179976	42.104	ng		92
20) 3+4-Methylphenols	7.36	107	286860	43.002	ng	#	80
22) Acetophenone	7.37	105	408465	42.644	ng	#	98
24) Nitrobenzene	7.55	77	259576	38.110	ng		99
25) Isophorone	7.77	82	473173	39.662	ng		98
26) 2-Nitrophenol	7.86	139	146296	41.148	ng		96
27) 2,4-Dimethylphenol	7.89	122	207877	40.541	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	293324	39.230	ng		99
29) 2,4-Dichlorophenol	8.10	162	218565	40.809	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	253684	41.747	ng		98
31) Naphthalene	8.26	128	863327	44.638	ng		100
32) Benzoic acid	8.02	122	126709	33.732	ng		90
33) 4-Chloroaniline	8.32	127	342506	42.006	ng		97
34) Hexachlorobutadiene	8.37	225	136763	41.358	ng		100
35) Caprolactam	8.69	113	63879	37.615	ng	#	81
36) 4-Chloro-3-methylphenol	8.79	107	234524	41.400	ng		97
37) 2-Methylnaphthalene	8.95	142	518914	40.732	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	242809	41.475	ng		98
40) Hexachlorocyclopentadiene	9.10	237	89237	35.589	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	136996	36.955	ng		98
43) 2,4,5-Trichlorophenol	9.27	196	185644	41.475	ng		95
45) 1,1'-Biphenyl	9.42	154	678505	41.409	ng		98
46) 2-Chloronaphthalene	9.45	162	527771	40.833	ng		99
47) 2-Nitroaniline	9.55	65	147926	40.137	ng		92
48) Acenaphthylene	9.86	152	793811	40.540	ng		100
49) Dimethylphthalate	9.71	163	607035	40.272	ng		99
50) 2,6-Dinitrotoluene	9.79	165	132057	40.722	ng		90
51) Acenaphthene	10.03	154	442560	39.070	ng		99
52) 3-Nitroaniline	9.97	138	155925	41.828	ng		97
53) 2,4-Dinitrophenol	10.07	184	54015	41.068	ng	#	38
54) Dibenzofuran	10.20	168	664069	40.145	ng		97
55) 4-Nitrophenol	10.14	139	86823	38.844	ng		90
56) 2,4-Dinitrotoluene	10.19	165	174102	42.074	ng	#	93
57) Fluorene	10.55	166	555138	40.685	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	147108	43.867	ng	#	87
59) Diethylphthalate	10.41	149	585002	40.513	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	262549	41.894	ng		99
61) 4-Nitroaniline	10.59	138	142089	40.735	ng		92
62) Azobenzene	10.70	77	539908	41.350	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	86783	40.549	ng		81
65) n-Nitrosodiphenylamine	10.66	169	482363	40.284	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	152995	40.447	ng		93
67) Hexachlorobenzene	11.10	284	176641	40.596	ng	#	87
68) Atrazine	11.18	200	152568	41.591	ng		99
69) Pentachlorophenol	11.30	266	89908	37.550	ng		98
70) Phenanthrene	11.52	178	760204	39.713	ng		99
71) Anthracene	11.57	178	858067	42.915	ng		100
72) Carbazole	11.73	167	791907	41.497	ng		99
73) Di-n-butylphthalate	12.03	149	929080	40.872	ng		99
74) Fluoranthene	12.71	202	826672	40.628	ng		98
76) Benzidine	12.84	184	357408	45.849	ng		99
77) Pyrene	12.94	202	828221	42.119	ng		99
79) Butylbenzylphthalate	13.54	149	384780	41.534	ng		98
80) Benzo(a)anthracene	14.13	228	662185	38.688	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	229375	40.486	ng		97
82) Chrysene	14.17	228	701489	41.844	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	487940	40.764	ng		100
84) Di-n-octyl phthalate	14.72	149	785319	38.140	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.26	276	570254	32.826	ng		96
87) Benzo(b)fluoranthene	15.22	252	534673	37.873	ng		97
88) Benzo(k)fluoranthene	15.26	252	633878	47.664	ng		99
89) Benzo(a)pyrene	15.62	252	528761	40.417	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	480217	39.701	ng		96
91) Benzo(g,h,i)perylene	17.74	276	463779	38.280	ng		96

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

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