Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108525.D
Acq On : 27 Aug 2018 22:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/28/2018 12:16:34 PM

Quant Time: Aug 28 02:17:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	125182	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	500050	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	244865	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	428047	20.00	ng		0.00
75) Chrysene-d12	14.19	240	318562	20.00	ng		0.00
86) Perylene-d12	15.75	264	307663	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	572115	82.74	ng		0.00
7) Phenol-d6	6.62	99	761007	82.82	ng		0.00
23) Nitrobenzene-d5	7.57	82	741254	82.72	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	198414	81.24	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1392919	91.33	ng		0.00
78) Terphenyl-d14	13.12	244	1031101	82.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	130522	36.737	ng		90
3) Pyridine	3.64	79	346814	37.894	ng		87
4) n-Nitrosodimethylamine	3.61	42	185845	36.087	ng	#	82
6) Aniline	6.67	93	515164	41.219	ng		97
8) 2-Chlorophenol	6.79	128	326826	41.968	ng		98
9) Benzaldehyde	6.55	77	276874	38.866	ng		95
10) Phenol	6.64	94	424918	44.708	ng		88
11) bis(2-Chloroethyl)ether	6.73	93	313248	40.768	ng		91
12) 1,3-Dichlorobenzene	6.94	146	374623	41.605	ng		99
13) 1,4-Dichlorobenzene	7.02	146	378295	41.815	ng		99
14) 1,2-Dichlorobenzene	7.17	146	351180	41.732	ng		98
15) Benzyl Alcohol	7.14	79	307881	39.803	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	604825	38.210	ng		98
17) 2-Methylphenol	7.24	107	279701	41.883	ng		94
18) Hexachloroethane	7.51	117	120807	37.508	ng		89
19) n-Nitroso-di-n-propylamine	7.41	70	246219	39.627	ng		90
20) 3+4-Methylphenols	7.40	107	346689	40.511	ng	#	75
22) Acetophenone	7.41	105	467714	40.001	ng	#	91
24) Nitrobenzene	7.58	77	366891	40.488	ng		93
25) Isophorone	7.82	82	670291	39.243	ng		97
26) 2-Nitrophenol	7.90	139	159188	46.517	ng		95
27) 2,4-Dimethylphenol	7.92	122	298137	39.328	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	399134	40.029	ng		100
29) 2,4-Dichlorophenol	8.14	162	288635	41.373	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	312633	40.646	ng		96
31) Naphthalene	8.31	128	935575	41.140	ng		99
32) Benzoic acid	8.04	122	122477m	30.350	ng		
33) 4-Chloroaniline	8.35	127	400911	40.453	ng		98
34) Hexachlorobutadiene	8.41	225	202741	41.637	ng		98
35) Caprolactam	8.73	113	87842	40.180	ng	#	70
36) 4-Chloro-3-methylphenol	8.83	107	302781	40.231	ng		97
37) 2-Methylnaphthalene	9.00	142	648905	40.331	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	330458	43.947	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	25666	5.284	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	209417	44.879 ng		98
43) 2,4,5-Trichlorophenol	9.32	196	217507m	42.344 ng		
45) 1,1'-Biphenyl	9.46	154	790438	43.782 ng		99
46) 2-Chloronaphthalene	9.50	162	609670	42.726 ng		96
47) 2-Nitroaniline	9.59	65	206454	44.717 ng		92
48) Acenaphthylene	9.91	152	954888	42.329 ng		99
49) Dimethylphthalate	9.76	163	743089	43.565 ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	157003	43.995 ng		88
51) Acenaphthene	10.08	154	561299	40.624 ng		99
52) 3-Nitroaniline	10.00	138	166227	42.573 ng		93
53) 2,4-Dinitrophenol	10.11	184	24074	23.465 ng	#	20
54) Dibenzofuran	10.25	168	831763	41.551 ng		97
55) 4-Nitrophenol	10.15	139	99244	33.566 ng		85
56) 2,4-Dinitrotoluene	10.24	165	204314	44.479 ng	#	92
57) Fluorene	10.60	166	654032	41.273 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	178596	41.598 ng	#	85
59) Diethylphthalate	10.45	149	714801	43.277 ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	345044	41.788 ng		92
61) 4-Nitroaniline	10.62	138	155421	40.261 ng		94
62) Azobenzene	10.75	77	687954	40.332 ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	42731	28.980 ng		90
65) n-Nitrosodiphenylamine	10.70	169	596936	47.192 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	213648	45.929 ng	#	84
67) Hexachlorobenzene	11.15	284	210731	43.056 ng	#	86
68) Atrazine	11.22	200	195393	46.055 ng		96
69) Pentachlorophenol	11.34	266	141045	60.208 ng		99
70) Phenanthrene	11.57	178	837511	41.483 ng		99
71) Anthracene	11.62	178	870201	42.053 ng		100
72) Carbazole	11.77	167	719452	39.133 ng		99
73) Di-n-butylphthalate	12.08	149	1011294	48.563 ng		99
74) Fluoranthene	12.76	202	786500	35.694 ng		96
76) Benzidine	12.88	184	444518	37.347 ng		99
77) Pyrene	12.99	202	774692	38.411 ng		99
79) Butylbenzylphthalate	13.59	149	338051	42.212 ng		96
80) Benzo(a)anthracene	14.18	228	758739	41.502 ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	281815	43.013 ng	#	95
82) Chrysene	14.22	228	705250	42.077 ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	463190	42.710 ng		100
84) Di-n-octyl phthalate	14.77	149	813109	49.161 ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	575533	39.630 ng	#	90
87) Benzo(b)fluoranthene	15.31	252	728832	39.645 ng		96
88) Benzo(k)fluoranthene	15.31	252	728832	43.127 ng	#	97
89) Benzo(a)pyrene	15.68	252	679196	41.257 ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	487512	35.791 ng	#	93
91) Benzo(g,h,i)perylene	17.85	276	449400	33.506 ng	#	89

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

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