Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108379.D
Acq On : 22 Aug 2018 13:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 22 15:47:55 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	141536	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	567134	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	291594	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	602108	20.00	ng		0.00
75) Chrysene-d12	14.20	240	461938	20.00	ng		0.00
86) Perylene-d12	15.75	264	357745	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	644415	82.43	ng		0.00
7) Phenol-d6	6.62	99	853275	82.14	ng		0.00
23) Nitrobenzene-d5	7.57	82	821614	80.84	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	273387	93.99	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1581248	87.06	ng		0.00
78) Terphenyl-d14	13.13	244	1626222	89.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	149154	37.131	ng		90
3) Pyridine	3.68	79	394354	38.110	ng		88
4) n-Nitrosodimethylamine	3.64	42	210347	36.126	ng		81
6) Aniline	6.67	93	576550	40.801	ng		96
8) 2-Chlorophenol	6.79	128	364672	41.417	ng		98
9) Benzaldehyde	6.56	77	303647	37.699	ng		100
10) Phenol	6.64	94	435783	40.553	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	350079	40.296	ng		95
12) 1,3-Dichlorobenzene	6.94	146	418404	41.098	ng		97
13) 1,4-Dichlorobenzene	7.02	146	416474	40.716	ng		99
14) 1,2-Dichlorobenzene	7.18	146	394559	41.469	ng		95
15) Benzyl Alcohol	7.14	79	346980	39.675	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	661963	36.987	ng		98
17) 2-Methylphenol	7.24	107	303750	40.228	ng		95
18) Hexachloroethane	7.51	117	152184	41.790	ng		96
19) n-Nitroso-di-n-propylamine	7.41	70	273511	38.933	ng		92
20) 3+4-Methylphenols	7.40	107	393842	40.703	ng	#	83
22) Acetophenone	7.41	105	524959	39.587	ng	#	96
24) Nitrobenzene	7.59	77	410887	39.980	ng		99
25) Isophorone	7.82	82	750495	38.741	ng		98
26) 2-Nitrophenol	7.90	139	185162	47.707	ng		94
27) 2,4-Dimethylphenol	7.93	122	345675	40.205	ng		99
28) bis(2-Chloroethoxy)methane	8.02	93	446216	39.457	ng		99
29) 2,4-Dichlorophenol	8.14	162	328901	41.568	ng		95
30) 1,2,4-Trichlorobenzene	8.22	180	350409	40.168	ng		97
31) Naphthalene	8.31	128	1060131	41.103	ng		99
32) Benzoic acid	8.05	122	178278	37.259	ng		92
33) 4-Chloroaniline	8.35	127	458520	40.793	ng		97
34) Hexachlorobutadiene	8.42	225	222232	40.241	ng		99
35) Caprolactam	8.73	113	102129	41.189	ng	#	82
36) 4-Chloro-3-methylphenol	8.83	107	346956	40.648	ng		98
37) 2-Methylnaphthalene	9.00	142	740235	40.565	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	374631	41.837	ng		98
40) Hexachlorocyclopentadiene	9.15	237	250196	43.258	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	248103	44.649 ng		97
43) 2,4,5-Trichlorophenol	9.32	196	265953	43.478 ng	#	92
45) 1,1'-Biphenyl	9.47	154	892979	41.535 ng		99
46) 2-Chloronaphthalene	9.50	162	703660	41.411 ng		97
47) 2-Nitroaniline	9.59	65	238398	43.361 ng		89
48) Acenaphthylene	9.91	152	1138409	42.378 ng		100
49) Dimethylphthalate	9.76	163	839312	41.321 ng	#	98
50) 2,6-Dinitrotoluene	9.83	165	185985	43.765 ng		100
51) Acenaphthene	10.08	154	695612	42.277 ng		98
52) 3-Nitroaniline	10.00	138	201695	43.379 ng		92
53) 2,4-Dinitrophenol	10.11	184	74718	49.878 ng	#	21
54) Dibenzofuran	10.26	168	999345	41.923 ng		99
55) 4-Nitrophenol	10.15	139	151972	43.162 ng		87
56) 2,4-Dinitrotoluene	10.24	165	250811	45.851 ng	#	98
57) Fluorene	10.60	166	792514	41.998 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	231696	45.318 ng	#	86
59) Diethylphthalate	10.46	149	821382	41.761 ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	408396	41.534 ng		89
61) 4-Nitroaniline	10.62	138	206763	44.978 ng		91
62) Azobenzene	10.75	77	826643	40.696 ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	98662	44.132 ng		87
65) n-Nitrosodiphenylamine	10.71	169	733634	41.232 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	267178	40.832 ng		91
67) Hexachlorobenzene	11.15	284	283543	41.185 ng	#	91
68) Atrazine	11.23	200	253166	42.422 ng		97
69) Pentachlorophenol	11.34	266	136002	41.272 ng		100
70) Phenanthrene	11.57	178	1184641	41.714 ng		99
71) Anthracene	11.62	178	1230026	42.258 ng		99
72) Carbazole	11.78	167	1077092	41.649 ng		99
73) Di-n-butylphthalate	12.09	149	1282933	43.798 ng		99
74) Fluoranthene	12.77	202	1292560	41.703 ng		96
76) Benzidine	12.88	184	794679	46.044 ng		98
77) Pyrene	12.99	202	1294483	44.263 ng		99
79) Butylbenzylphthalate	13.59	149	532348	45.841 ng		96
80) Benzo(a)anthracene	14.19	228	1085512	40.946 ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	390445	41.097 ng	#	96
82) Chrysene	14.22	228	1003964	41.307 ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	666123	42.358 ng		100
84) Di-n-octyl phthalate	14.77	149	1025319	42.751 ng		95
85) Indeno(1,2,3-cd)pyrene	17.37	276	788893	37.461 ng	#	90
87) Benzo(b)fluoranthene	15.28	252	885526	41.425 ng	#	96
88) Benzo(k)fluoranthene	15.32	252	782759	39.834 ng	#	95
89) Benzo(a)pyrene	15.68	252	784084	40.961 ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	654215	41.306 ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	657244	42.142 ng	#	89

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

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