Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107032.D
Acq On : 2 Jul 2018 9:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/3/2018 5:29:35 PM

Quant Time: Jul 02 11:57:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70763	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	289453	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	150536	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	307970	20.00	ng		0.00
75) Chrysene-d12	14.15	240	252793	20.00	ng		-0.01
86) Perylene-d12	15.69	264	201648	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	346894	83.01	ng		0.00
7) Phenol-d6	6.61	99	421977	80.86	ng		0.00
23) Nitrobenzene-d5	7.52	82	407303	78.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	155664	89.22	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	764954	86.22	ng		-0.01
78) Terphenyl-d14	13.08	244	951831	91.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	83535	38.881	ng		98
3) Pyridine	3.60	79	220752	37.886	ng		98
4) n-Nitrosodimethylamine	3.58	42	90453	36.550	ng		86
6) Aniline	6.62	93	278380	39.324	ng	#	82
8) 2-Chlorophenol	6.75	128	192422	41.981	ng		95
9) Benzaldehyde	6.51	77	128165	34.973	ng		97
10) Phenol	6.62	94	234884	39.438	ng	#	72
11) bis(2-Chloroethyl)ether	6.69	93	192720	39.196	ng		100
12) 1,3-Dichlorobenzene	6.90	146	226973	42.280	ng		99
13) 1,4-Dichlorobenzene	6.97	146	229639	42.311	ng		99
14) 1,2-Dichlorobenzene	7.13	146	211390	42.499	ng		97
15) Benzyl Alcohol	7.10	79	166626	39.764	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	233251	36.157	ng	#	22
17) 2-Methylphenol	7.22	107	170141	43.376	ng	#	91
18) Hexachloroethane	7.47	117	77539	40.626	ng	#	84
19) n-Nitroso-di-n-propylamine	7.37	70	136379	39.645	ng		92
20) 3+4-Methylphenols	7.37	107	198341	47.617	ng	#	73
22) Acetophenone	7.37	105	269565	41.627	ng	#	97
24) Nitrobenzene	7.54	77	205777	38.697	ng		100
25) Isophorone	7.78	82	349748	38.107	ng		98
26) 2-Nitrophenol	7.86	139	108725	43.312	ng		93
27) 2,4-Dimethylphenol	7.90	122	155565	40.094	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	243510	39.516	ng		98
29) 2,4-Dichlorophenol	8.11	162	173798	42.785	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	199920	44.676	ng		99
31) Naphthalene	8.27	128	556798	41.144	ng		99
32) Benzoic acid	8.03	122	88884m	33.464	ng		
33) 4-Chloroaniline	8.31	127	241060	42.453	ng		99
34) Hexachlorobutadiene	8.37	225	132855	45.563	ng		98
35) Caprolactam	8.70	113	54973m	41.516	ng		
36) 4-Chloro-3-methylphenol	8.80	107	178394	41.723	ng		100
37) 2-Methylnaphthalene	8.95	142	401758	44.790	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	216587	42.723	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	142466	54.621	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	124231	36.866	ng		94
43) 2,4,5-Trichlorophenol	9.29	196	129344	36.784	ng	#	87
45) 1,1'-Biphenyl	9.42	154	506522	42.221	ng		98
46) 2-Chloronaphthalene	9.45	162	366121	38.770	ng		95
47) 2-Nitroaniline	9.55	65	115615	36.408	ng		97
48) Acenaphthylene	9.87	152	579978	38.901	ng		99
49) Dimethylphthalate	9.71	163	439489	38.926	ng		98
50) 2,6-Dinitrotoluene	9.79	165	101410	42.417	ng	#	85
51) Acenaphthene	10.04	154	365544	38.935	ng		98
52) 3-Nitroaniline	9.97	138	110957	40.331	ng		92
53) 2,4-Dinitrophenol	10.08	184	54784	46.477	ng	#	17
54) Dibenzofuran	10.21	168	535429	41.649	ng		97
55) 4-Nitrophenol	10.14	139	70315	36.616	ng		98
56) 2,4-Dinitrotoluene	10.20	165	130244	41.736	ng	#	92
57) Fluorene	10.55	166	439775	43.109	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	109993	39.351	ng	#	76
59) Diethylphthalate	10.41	149	420244	38.565	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	234370	43.909	ng	#	87
61) 4-Nitroaniline	10.58	138	108467	39.726	ng		96
62) Azobenzene	10.70	77	388295	36.185	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	77667	40.798	ng	#	72
65) n-Nitrosodiphenylamine	10.66	169	394394	38.074	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	154747	42.103	ng	#	78
67) Hexachlorobenzene	11.10	284	170109	44.220	ng	#	86
68) Atrazine	11.18	200	136597	41.480	ng		96
69) Pentachlorophenol	11.31	266	72772	37.913	ng		97
70) Phenanthrene	11.52	178	639829	43.074	ng		99
71) Anthracene	11.57	178	655499	43.234	ng		100
72) Carbazole	11.73	167	588613	41.466	ng		98
73) Di-n-butylphthalate	12.04	149	653993	39.108	ng		100
74) Fluoranthene	12.71	202	712571	43.523	ng		96
76) Benzidine	12.83	184	262020	36.394	ng		98
77) Pyrene	12.95	202	722350	43.332	ng		100
79) Butylbenzylphthalate	13.54	149	269019	39.251	ng	#	94
80) Benzo(a)anthracene	14.14	228	623597	40.475	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	197614	36.494	ng	#	97
82) Chrysene	14.18	228	576409	40.666	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	321264	36.664	ng	#	97
84) Di-n-octyl phthalate	14.72	149	517252	36.214	ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	502405	41.767	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	500607	39.965	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	490275	41.100	ng	#	95
89) Benzo(a)pyrene	15.63	252	455799	40.932	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	423157	44.839	ng	#	92
91) Benzo(g,h,i)perylene	17.77	276	429174	46.527	ng	#	89

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

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