Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107634.D
Acq On : 24 Jul 2018 22:07
Operator : JU/SJ
Sample : J4011-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180413-CORE-3MS

Quant Time: Jul 25 01:05:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	246646	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	907970	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	356392	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	614628	20.00	ng		0.00
75) Chrysene-d12	14.16	240	438630	20.00	ng		0.00
86) Perylene-d12	15.69	264	361408	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1747257	113.90	ng		0.00
7) Phenol-d6	6.62	99	1988626	107.96	ng		0.00
23) Nitrobenzene-d5	7.54	82	1261739	93.78	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	469742	115.91	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1984610	100.04	ng		0.00
78) Terphenyl-d14	13.09	244	1568024	91.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	219671	30.765	ng	#	87
3) Pyridine	3.67	79	589882	30.368	ng		85
4) n-Nitrosodimethylamine	3.64	42	271357	33.123	ng		94
6) Aniline	6.64	93	558262	23.498	ng	#	72
8) 2-Chlorophenol	6.77	128	637223	38.772	ng		97
9) Benzaldehyde	6.52	77	293637	23.428	ng		94
10) Phenol	6.63	94	745120	34.396	ng		86
11) bis(2-Chloroethyl)ether	6.71	93	629494	35.050	ng		93
12) 1,3-Dichlorobenzene	6.91	146	684385	36.728	ng		99
13) 1,4-Dichlorobenzene	6.99	146	725618	37.993	ng		100
14) 1,2-Dichlorobenzene	7.14	146	631782	36.861	ng		98
15) Benzyl Alcohol	7.11	79	491785	39.174	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1000193	33.010	ng		69
17) 2-Methylphenol	7.23	107	527369	37.753	ng	#	86
18) Hexachloroethane	7.48	117	188348	28.117	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	421344	35.408	ng	#	98
20) 3+4-Methylphenols	7.38	107	659507	39.760	ng	#	62
22) Acetophenone	7.38	105	869602	40.781	ng	#	90
24) Nitrobenzene	7.56	77	643068	41.731	ng		96
25) Isophorone	7.79	82	1167480	40.642	ng		99
26) 2-Nitrophenol	7.87	139	307318	47.226	ng		100
27) 2,4-Dimethylphenol	7.91	122	540018	43.841	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	757239	39.445	ng		100
29) 2,4-Dichlorophenol	8.12	162	529106	42.026	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	544635	38.516	ng		98
31) Naphthalene	8.28	128	1720292	43.086	ng		98
32) Benzoic acid	7.98	122	49130	12.673	ng	#	82
33) 4-Chloroaniline	8.33	127	341075	19.544	ng		97
34) Hexachlorobutadiene	8.38	225	322556	38.388	ng		99
35) Caprolactam	8.70	113	153062	37.377	ng	#	80
36) 4-Chloro-3-methylphenol	8.81	107	541793	38.740	ng		98
37) 2-Methylnaphthalene	8.97	142	1136315	41.070	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	535643	45.061	ng	#	98
40) Hexachlorocyclopentadiene	9.11	237	53006	8.772	ng		96

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	330947	43.495	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	354371	44.562	ng		97
45) 1,1'-Biphenyl	9.43	154	1349235	43.459	ng		98
46) 2-Chloronaphthalene	9.46	162	996754	42.003	ng		100
47) 2-Nitroaniline	9.56	65	362810	52.442	ng		87
48) Acenaphthylene	9.88	152	1540710	43.220	ng		97
49) Dimethylphthalate	9.73	163	1403130	52.239	ng		99
50) 2,6-Dinitrotoluene	9.80	165	233932	43.867	ng		94
51) Acenaphthene	10.05	154	914069	40.925	ng		99
52) 3-Nitroaniline	9.98	138	271241	41.809	ng		95
53) 2,4-Dinitrophenol	10.10	184	3203	10.028	ng	#	18
54) Dibenzofuran	10.22	168	1358390	41.311	ng		99
55) 4-Nitrophenol	10.15	139	318187	65.507	ng		94
56) 2,4-Dinitrotoluene	10.21	165	275023	42.724	ng		94
57) Fluorene	10.57	166	1018218	43.405	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	267528	40.422	ng	#	86
59) Diethylphthalate	10.42	149	1162228	41.431	ng		98
60) 4-Chlorophenyl-phenylether	10.55	204	513444	38.716	ng		90
61) 4-Nitroaniline	10.60	138	275729	50.586	ng		97
62) Azobenzene	10.71	77	990510	37.656	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	9398	11.275	ng	#	73
65) n-Nitrosodiphenylamine	10.67	169	920070	44.077	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	303703	41.976	ng	#	90
67) Hexachlorobenzene	11.11	284	314188	39.466	ng	#	88
68) Atrazine	11.20	200	256708	40.278	ng		97
69) Pentachlorophenol	11.31	266	268716	54.040	ng		99
70) Phenanthrene	11.54	178	1282431	42.818	ng		99
71) Anthracene	11.58	178	1333964	44.235	ng		98
72) Carbazole	11.74	167	1239486	39.526	ng		99
73) Di-n-butylphthalate	12.05	149	1545062	49.245	ng		100
74) Fluoranthene	12.72	202	1337457	41.614	ng		97
76) Benzidine	12.85	184	777040	61.515	ng		98
77) Pyrene	12.96	202	1296889	43.226	ng		99
79) Butylbenzylphthalate	13.56	149	591632	45.853	ng		93
80) Benzo(a)anthracene	14.15	228	1044079	40.619	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	368575	49.920	ng		98
82) Chrysene	14.19	228	1035367	41.932	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	762413	41.878	ng		97
84) Di-n-octyl phthalate	14.73	149	1286151	45.449	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	767178	36.660	ng	#	94
87) Benzo(b)fluoranthene	15.24	252	833994	42.165	ng		97
88) Benzo(k)fluoranthene	15.27	252	888618	45.856	ng	#	97
89) Benzo(a)pyrene	15.62	252	789907	43.658	ng		99
90) Dibenzo(a,h)anthracene	17.29	278	650039	41.563	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	608018	39.412	ng		93

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

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