Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107551.D
Acq On : 21 Jul 2018 3:36
Operator : JU/SJ
Sample : J4030-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1-12-0MSD

Quant Time: Jul 21 04:57:29 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	6.98	152	283578	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	944061	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	335606	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	679208	20.00	ng		0.00
75) Chrysene-d12	14.17	240	676877	20.00	ng		0.00
86) Perylene-d12	15.70	264	502908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1739973	98.65	ng		0.00
7) Phenol-d6	6.61	99	1954836	92.30	ng		0.00
23) Nitrobenzene-d5	7.54	82	1147692	82.04	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	411706	107.88	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1650589	83.95	ng		0.00
78) Terphenyl-d14	13.10	244	1753114	66.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	242687	29.562	ng	#	83
3) Pyridine	3.65	79	655341	29.344	ng	#	83
4) n-Nitrosodimethylamine	3.61	42	329587	34.991	ng		97
6) Aniline	6.67	93	561077	20.541	ng	#	87
8) 2-Chlorophenol	6.77	128	621865	32.910	ng		93
9) Benzaldehyde	6.53	77	311891	21.253	ng		97
10) Phenol	6.62	94	775893	31.152	ng		90
11) bis(2-Chloroethyl)ether	6.71	93	620875	30.068	ng		94
12) 1,3-Dichlorobenzene	6.92	146	685686	32.005	ng		99
13) 1,4-Dichlorobenzene	7.00	146	711812	32.416	ng		100
14) 1,2-Dichlorobenzene	7.15	146	639480	32.451	ng		100
15) Benzyl Alcohol	7.12	79	479457	33.218	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1058046	30.372	ng		82
17) 2-Methylphenol	7.23	107	490569	30.545	ng	#	94
18) Hexachloroethane	7.48	117	203125	26.373	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	407899	29.814	ng		95
20) 3+4-Methylphenols	7.38	107	616667	32.336	ng	#	47
22) Acetophenone	7.38	105	858937	38.741	ng	#	90
24) Nitrobenzene	7.56	77	612507	38.229	ng		99
25) Isophorone	7.80	82	1052400	35.235	ng		97
26) 2-Nitrophenol	7.88	139	262289	38.766	ng		95
27) 2,4-Dimethylphenol	7.91	122	473671	36.984	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	724694	36.306	ng		99
29) 2,4-Dichlorophenol	8.12	162	450693	34.429	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	481304	32.736	ng		98
31) Naphthalene	8.28	128	1599998	38.541	ng		98
32) Benzoic acid	7.98	122	37656	11.418	ng	#	78
33) 4-Chloroaniline	8.34	127	372627	20.536	ng		98
34) Hexachlorobutadiene	8.39	225	289727	33.163	ng		99
35) Caprolactam	8.69	113	131757	30.945	ng	#	76
36) 4-Chloro-3-methylphenol	8.81	107	427493	29.399	ng		99
37) 2-Methylnaphthalene	8.97	142	1038902	36.113	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	428290	38.261	ng		98
40) Hexachlorocyclopentadiene	9.12	237	50071	8.799	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	261667	36.520	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	273070	36.465	ng		95
45) 1,1'-Biphenyl	9.44	154	1110054	37.970	ng		99
46) 2-Chloronaphthalene	9.47	162	784155	35.091	ng		98
47) 2-Nitroaniline	9.57	65	275087	42.225	ng		89
48) Acenaphthylene	9.88	152	1273464	37.936	ng		98
49) Dimethylphthalate	9.73	163	1256345	49.671	ng		99
50) 2,6-Dinitrotoluene	9.80	165	178898	35.624	ng		95
51) Acenaphthene	10.05	154	721878	34.322	ng		99
52) 3-Nitroaniline	9.98	138	201922	33.052	ng		97
53) 2,4-Dinitrophenol	10.08	184	3088	10.069	ng	#	7
54) Dibenzofuran	10.22	168	1119183	36.144	ng		99
55) 4-Nitrophenol	10.14	139	324078	70.852	ng		94
56) 2,4-Dinitrotoluene	10.21	165	215822	35.604	ng	#	98
57) Fluorene	10.57	166	841907	38.112	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	228688	36.694	ng		88
59) Diethylphthalate	10.43	149	916648	34.700	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	400763	32.091	ng		90
61) 4-Nitroaniline	10.60	138	224898	43.816	ng		95
62) Azobenzene	10.72	77	818468	33.042	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	6521	10.310	ng	#	67
65) n-Nitrosodiphenylamine	10.68	169	763980	33.119	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	242551	30.336	ng		92
67) Hexachlorobenzene	11.12	284	264749	30.094	ng	#	87
68) Atrazine	11.20	200	229987	32.655	ng		95
69) Pentachlorophenol	11.32	266	301918	54.944	ng		98
70) Phenanthrene	11.54	178	1401754	42.352	ng		99
71) Anthracene	11.59	178	1284081	38.532	ng		99
72) Carbazole	11.75	167	1259495	36.345	ng		99
73) Di-n-butylphthalate	12.06	149	1416672	37.923	ng		100
74) Fluoranthene	12.74	202	1689780	47.577	ng		97
76) Benzidine	12.85	184	276361	14.178	ng		99
77) Pyrene	12.97	202	1692229	36.550	ng		99
79) Butylbenzylphthalate	13.57	149	712824	35.800	ng		99
80) Benzo(a)anthracene	14.15	228	1462694	36.875	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	399735	31.146	ng		99
82) Chrysene	14.19	228	1404804	36.868	ng		97
83) Bis(2-ethylhexyl)phthalate	14.12	149	999277	35.569	ng		99
84) Di-n-octyl phthalate	14.74	149	1775800	40.665	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	849956	26.319	ng		95
87) Benzo(b)fluoranthene	15.24	252	1085071	39.423	ng		97
88) Benzo(k)fluoranthene	15.27	252	1013205	37.574	ng		98
89) Benzo(a)pyrene	15.64	252	881456	35.011	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	713541	32.786	ng		97
91) Benzo(g,h,i)perylene	17.75	276	682007	31.770	ng		95

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

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