Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107596.D
Acq On : 23 Jul 2018 18:52
Operator : JU/SJ
Sample : J4062-37MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10MS

Quant Time: Jul 24 03:19:58 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	260677	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	927379	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	345578	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	677056	20.00	ng		0.00
75) Chrysene-d12	14.17	240	513793	20.00	ng		0.00
86) Perylene-d12	15.71	264	407933	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1390297	85.75	ng		0.00
7) Phenol-d6	6.61	99	1621778	83.31	ng		0.00
23) Nitrobenzene-d5	7.54	82	960918	69.93	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	374073	95.19	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1489010	70.31	ng		0.00
78) Terphenyl-d14	13.10	244	1528304	76.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	195240	25.872	ng	#	84
3) Pyridine	3.66	79	520010	25.330	ng	#	83
4) n-Nitrosodimethylamine	3.62	42	230554	26.627	ng		94
6) Aniline	6.64	93	422413	16.823	ng	#	77
8) 2-Chlorophenol	6.77	128	528103	30.403	ng		93
9) Benzaldehyde	6.53	77	226381	15.944	ng		98
10) Phenol	6.62	94	661436	28.889	ng		90
11) bis(2-Chloroethyl)ether	6.71	93	525651	27.692	ng		93
12) 1,3-Dichlorobenzene	6.92	146	542888	27.566	ng		99
13) 1,4-Dichlorobenzene	7.00	146	581155	28.791	ng		98
14) 1,2-Dichlorobenzene	7.15	146	524390	28.949	ng		100
15) Benzyl Alcohol	7.12	79	404290	30.471	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	879543	27.466	ng		83
17) 2-Methylphenol	7.23	107	430357	29.150	ng		95
18) Hexachloroethane	7.48	117	135718	19.170	ng		95
19) n-Nitroso-di-n-propylamine	7.38	70	359098	28.553	ng		96
20) 3+4-Methylphenols	7.38	107	539078	30.750	ng	#	53
22) Acetophenone	7.38	105	752353	34.544	ng	#	90
24) Nitrobenzene	7.56	77	520745	33.086	ng		98
25) Isophorone	7.80	82	942038	32.107	ng		99
26) 2-Nitrophenol	7.88	139	183980	27.681	ng		97
27) 2,4-Dimethylphenol	7.91	122	421590	33.510	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	626008	31.926	ng		98
29) 2,4-Dichlorophenol	8.12	162	393159	30.574	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	417424	28.902	ng		99
31) Naphthalene	8.28	128	1303462	31.963	ng		98
32) Benzoic acid	8.04	122	20302	9.831	ng	#	77
33) 4-Chloroaniline	8.34	127	280428	15.733	ng		98
34) Hexachlorobutadiene	8.39	225	243933	28.424	ng		97
35) Caprolactam	8.70	113	114697	27.423	ng	#	78
36) 4-Chloro-3-methylphenol	8.82	107	409225	28.649	ng		97
37) 2-Methylnaphthalene	8.98	142	872627	30.879	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	380612	33.021	ng		97
40) Hexachlorocyclopentadiene	9.12	237	36923	6.302	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	236491	32.054	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	261175	33.871	ng		98
45) 1,1'-Biphenyl	9.44	154	1006525	33.435	ng		99
46) 2-Chloronaphthalene	9.47	162	722169	31.384	ng		99
47) 2-Nitroaniline	9.57	65	286048	42.641	ng		84
48) Acenaphthylene	9.88	152	1162026	33.617	ng		99
49) Dimethylphthalate	9.73	163	995844	38.236	ng		99
50) 2,6-Dinitrotoluene	9.80	165	156222	30.211	ng	#	89
51) Acenaphthene	10.05	154	657476	30.358	ng		99
52) 3-Nitroaniline	9.98	138	234852	37.333	ng		94
53) 2,4-Dinitrophenol	10.09	184	11926	14.759	ng	#	68
54) Dibenzofuran	10.23	168	983904	30.858	ng		100
55) 4-Nitrophenol	10.15	139	276442	58.693	ng		96
56) 2,4-Dinitrotoluene	10.21	165	180665	28.944	ng	#	94
57) Fluorene	10.57	166	763133	33.549	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.35	232	215457	33.573	ng	#	86
59) Diethylphthalate	10.43	149	881874	32.421	ng		99
60) 4-Chlorophenyl-phenylether	10.56	204	374947	29.157	ng		93
61) 4-Nitroaniline	10.60	138	232768	44.041	ng		97
62) Azobenzene	10.72	77	719590	28.212	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	13150	11.976	ng		91
65) n-Nitrosodiphenylamine	10.68	169	700735	30.474	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	219142	27.496	ng	#	88
67) Hexachlorobenzene	11.12	284	238144	27.156	ng	#	86
68) Atrazine	11.20	200	210208	29.941	ng		98
69) Pentachlorophenol	11.32	266	250868	45.799	ng		98
70) Phenanthrene	11.54	178	1049522	31.810	ng		99
71) Anthracene	11.60	178	1097305	33.032	ng		99
72) Carbazole	11.75	167	1114568	32.265	ng		99
73) Di-n-butylphthalate	12.07	149	1252630	32.413	ng		99
74) Fluoranthene	12.74	202	1231153	34.774	ng		98
76) Benzidine	12.86	184	708148	47.860	ng		97
77) Pyrene	12.97	202	1233562	35.100	ng		98
79) Butylbenzylphthalate	13.57	149	544824	36.048	ng		91
80) Benzo(a)anthracene	14.16	228	926953	30.786	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	331344	34.835	ng	#	96
82) Chrysene	14.19	228	897927	31.046	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	770280	36.120	ng		98
84) Di-n-octyl phthalate	14.75	149	1218018	36.745	ng		100
85) Indeno(1,2,3-cd)pyrene	17.29	276	695573	28.376	ng		94
87) Benzo(b)fluoranthene	15.25	252	717267	32.127	ng		97
88) Benzo(k)fluoranthene	15.28	252	649286	29.684	ng		99
89) Benzo(a)pyrene	15.64	252	636363	31.161	ng		98
90) Dibenzo(a,h)anthracene	17.31	278	597113	33.824	ng		97
91) Benzo(g,h,i)perylene	17.78	276	576541	33.110	ng		94

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

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