Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106684.D
Acq On : 22 Jun 2018 1:48
Operator : JU/SJ
Sample : J3523-03MSD 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(S)MSD

Quant Time: Jun 22 03:26:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	58826	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	214138	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	98824	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	192829	20.00	ng		0.00
75) Chrysene-d12	14.15	240	155183	20.00	ng		0.00
86) Perylene-d12	15.68	264	115851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	97201	27.98	ng		0.00
7) Phenol-d6	6.60	99	123032	28.36	ng		0.00
23) Nitrobenzene-d5	7.52	82	71229	18.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	22062	19.26	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	132417	9.59	ng		-0.01
78) Terphenyl-d14	13.08	244	159866	24.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	13139	7.357	ng		97
3) Pyridine	3.61	79	38904	8.032	ng		94
4) n-Nitrosodimethylamine	3.54	42	15194	7.385	ng		81
6) Aniline	6.62	93	29777	5.060	ng	#	86
8) 2-Chlorophenol	6.75	128	32872	8.627	ng		98
9) Benzaldehyde	6.51	77	20617	5.624	ng		98
10) Phenol	6.61	94	47997	9.694	ng		98
11) bis(2-Chloroethyl)ether	6.69	93	34744	8.500	ng		99
12) 1,3-Dichlorobenzene	6.90	146	39774	8.912	ng		98
13) 1,4-Dichlorobenzene	6.98	146	40231	8.917	ng		97
14) 1,2-Dichlorobenzene	7.13	146	38306	9.264	ng		98
15) Benzyl Alcohol	7.10	79	28187	8.091	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	52257	9.744	ng		93
17) 2-Methylphenol	7.22	107	27799	8.525	ng		95
18) Hexachloroethane	7.47	117	5892	3.714	ng	#	89
19) n-Nitroso-di-n-propylamine	7.36	70	24238	8.476	ng		95
20) 3+4-Methylphenols	7.37	107	36493	7.916	ng		90
22) Acetophenone	7.37	105	50253	10.489	ng	#	98
24) Nitrobenzene	7.54	77	34910	8.874	ng		99
25) Isophorone	7.78	82	62933	9.269	ng		99
26) 2-Nitrophenol	7.86	139	7007	3.773	ng		96
27) 2,4-Dimethylphenol	7.90	122	27964	9.742	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	40845	8.959	ng		98
29) 2,4-Dichlorophenol	8.11	162	25961	8.639	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	31210	9.427	ng		96
31) Naphthalene	8.27	128	102973	10.285	ng		99
32) Benzoic acid	7.90	122	27964	17.525	ng	#	14
33) 4-Chloroaniline	8.31	127	25523	6.076	ng		98
34) Hexachlorobutadiene	8.38	225	20559	9.531	ng		99
35) Caprolactam	8.65	113	7050	7.197	ng		93
36) 4-Chloro-3-methylphenol	8.80	107	25383	8.025	ng		96
37) 2-Methylnaphthalene	8.96	142	70063	10.558	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	32863	9.874	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	10939	4.945	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	15631	6.771	ng	#	88
45) 1,1'-Biphenyl	9.42	154	77661	9.861	ng		96
46) 2-Chloronaphthalene	9.45	162	53852	8.687	ng		93
47) 2-Nitroaniline	9.54	65	18278	8.768	ng		86
48) Acenaphthylene	9.87	152	87238	8.913	ng		100
49) Dimethylphthalate	9.71	163	86665	11.693	ng		97
50) 2,6-Dinitrotoluene	9.78	165	9460	6.027	ng		97
51) Acenaphthene	10.04	154	58718	9.527	ng		97
52) 3-Nitroaniline	9.95	138	15519	8.593	ng		94
54) Dibenzofuran	10.21	168	87555	10.374	ng		94
55) 4-Nitrophenol	10.15	139	1995	1.582	ng		95
56) 2,4-Dinitrotoluene	10.19	165	10245	5.001	ng	#	87
57) Fluorene	10.55	166	72638	10.846	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	4140	2.256	ng	#	66
59) Diethylphthalate	10.41	149	59295	8.289	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	30887	8.815	ng	#	84
61) 4-Nitroaniline	10.57	138	17472	9.748	ng		97
62) Azobenzene	10.70	77	54735	7.770	ng		92
64) 4,6-Dinitro-2-methylphenol	10.33	198	126	0.106	ng	#	23
65) n-Nitrosodiphenylamine	10.65	169	54915	8.467	ng		95
66) 4-Bromophenyl-phenylether	11.03	248	20398	8.864	ng	#	83
67) Hexachlorobenzene	11.10	284	20893	8.674	ng	#	87
68) Atrazine	11.18	200	18021	8.740	ng		94
69) Pentachlorophenol	11.30	266	849	0.706	ng		95
70) Phenanthrene	11.52	178	195521	21.023	ng		99
71) Anthracene	11.57	178	122234	12.876	ng		99
72) Carbazole	11.73	167	93572	10.528	ng		97
73) Di-n-butylphthalate	12.04	149	95781	9.148	ng		99
74) Fluoranthene	12.71	202	221887	21.645	ng		96
76) Benzidine	12.84	184	23534	5.325	ng		99
77) Pyrene	12.95	202	208549	20.380	ng		99
79) Butylbenzylphthalate	13.55	149	42036	9.991	ng	#	94
80) Benzo(a)anthracene	14.14	228	125857	13.307	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	23375	7.032	ng	#	93
82) Chrysene	14.17	228	116215	13.356	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	66335	12.332	ng		98
84) Di-n-octyl phthalate	14.73	149	86003	9.809	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	72819	9.862	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	96638	13.428	ng		96
88) Benzo(k)fluoranthene	15.25	252	70240	10.249	ng		98
89) Benzo(a)pyrene	15.62	252	79084	12.361	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	50892	9.386	ng		96
91) Benzo(g,h,i)perylene	17.74	276	62215	11.740	ng	#	90

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

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