Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103532.D
Acq On : 8 Mar 2018 22:15
Operator : SJ/JU
Sample : J1824-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-E0-E0a-F0-F0aMSD

Quant Time: Mar 09 09:27:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122811	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	493467	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	187740	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	282594	20.00	ng		0.00
75) Chrysene-d12	14.06	240	194897	20.00	ng		0.00
86) Perylene-d12	15.57	264	153806	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	898328	110.63	ng		0.01
7) Phenol-d6	6.51	99	1039145	104.58	ng		0.00
23) Nitrobenzene-d5	7.43	82	636773	73.69	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	133809	84.20	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	894446	81.19	ng		0.00
78) Terphenyl-d14	12.99	244	652887	80.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	119312	27.820	ng		95
3) Pyridine	3.50	79	252789	22.078	ng		98
4) n-Nitrosodimethylamine	3.42	42	145956	31.608	ng		90
6) Aniline	6.53	93	338490	23.604	ng	#	73
8) 2-Chlorophenol	6.66	128	283805	33.644	ng		94
9) Benzaldehyde	6.42	77	184509	28.026	ng		90
10) Phenol	6.52	94	372135	32.262	ng		92
11) bis(2-Chloroethyl)ether	6.60	93	293821	33.562	ng		92
12) 1,3-Dichlorobenzene	6.80	146	294993	30.601	ng		97
13) 1,4-Dichlorobenzene	6.88	146	310174	32.093	ng		99
14) 1,2-Dichlorobenzene	7.03	146	276191	30.992	ng		99
15) Benzyl Alcohol	7.02	79	222176	29.673	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	450952	29.996	ng		61
17) 2-Methylphenol	7.13	107	232754	30.362	ng	#	86
18) Hexachloroethane	7.37	117	71635	20.360	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	208671	33.744	ng		95
20) 3+4-Methylphenols	7.29	107	309591	33.130	ng	#	72
22) Acetophenone	7.27	105	403489	35.030	ng	#	91
24) Nitrobenzene	7.45	77	317551	33.379	ng		94
25) Isophorone	7.69	82	583975	34.315	ng		96
26) 2-Nitrophenol	7.77	139	110284	24.624	ng		92
27) 2,4-Dimethylphenol	7.80	122	238670	34.864	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	354390	35.419	ng		98
29) 2,4-Dichlorophenol	8.02	162	217986	33.259	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	210023	30.091	ng		99
31) Naphthalene	8.17	128	782298	32.381	ng		99
32) Benzoic acid	7.93	122	81206	20.600	ng		96
33) 4-Chloroaniline	8.23	127	227617	21.833	ng		97
34) Hexachlorobutadiene	8.27	225	106265	29.238	ng		98
35) Caprolactam	8.60	113	68058	29.545	ng	#	84
36) 4-Chloro-3-methylphenol	8.72	107	238185	32.219	ng		99
37) 2-Methylnaphthalene	8.86	142	481075	30.811	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	180260	35.122	ng		99
40) Hexachlorocyclopentadiene	8.92	237	125	8.943	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	119240	34.527	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	121627	30.621	ng		96
45) 1,1'-Biphenyl	9.33	154	551307	35.044	ng		98
46) 2-Chloronaphthalene	9.36	162	429359	34.498	ng		99
47) 2-Nitroaniline	9.46	65	181024	39.266	ng		89
48) Acenaphthylene	9.77	152	608907	31.798	ng		100
49) Dimethylphthalate	9.62	163	551875	36.643	ng		99
50) 2,6-Dinitrotoluene	9.70	165	86011	27.214	ng	#	89
51) Acenaphthene	9.94	154	352980	31.612	ng		98
52) 3-Nitroaniline	9.87	138	130070	32.437	ng		96
54) Dibenzofuran	10.12	168	512946	33.464	ng		94
55) 4-Nitrophenol	10.06	139	86252	34.706	ng	#	86
56) 2,4-Dinitrotoluene	10.12	165	95668	23.933	ng	#	58
57) Fluorene	10.46	166	391031	29.947	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	79571	29.821	ng		93
59) Diethylphthalate	10.32	149	455360	31.613	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	175555	31.704	ng		100
61) 4-Nitroaniline	10.49	138	127213	31.762	ng		95
62) Azobenzene	10.60	77	475119	32.405	ng		94
65) n-Nitrosodiphenylamine	10.57	169	343500	34.910	ng		98
66) 4-Bromophenyl-phenylether	10.93	248	95543	32.456	ng		93
67) Hexachlorobenzene	11.01	284	95930	30.023	ng		94
68) Atrazine	11.09	200	89125	30.136	ng		97
69) Pentachlorophenol	11.22	266	60844	39.383	ng		98
70) Phenanthrene	11.43	178	483639	31.098	ng		98
71) Anthracene	11.48	178	516971	32.417	ng		100
72) Carbazole	11.64	167	505004	31.799	ng		99
73) Di-n-butylphthalate	11.95	149	668427	33.636	ng		99
74) Fluoranthene	12.62	202	502545	32.157	ng		99
76) Benzidine	12.75	184	435076	59.712	ng		97
77) Pyrene	12.86	202	510862	33.620	ng		99
79) Butylbenzylphthalate	13.45	149	268763	33.477	ng		92
80) Benzo(a)anthracene	14.05	228	393475	31.115	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	157560	34.913	ng		98
82) Chrysene	14.09	228	380826	31.015	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	346140	31.950	ng	#	98
84) Di-n-octyl phthalate	14.62	149	628190	35.888	ng		96
85) Indeno(1,2,3-cd)pyrene	17.12	276	273396	28.125	ng		95
87) Benzo(b)fluoranthene	15.12	252	301864	29.850	ng		97
88) Benzo(k)fluoranthene	15.15	252	319165	33.516	ng		100
89) Benzo(a)pyrene	15.50	252	286658	31.743	ng	#	97
90) Dibenzo(a,h)anthracene	17.12	278	234670	33.630	ng		98
91) Benzo(g,h,i)perylene	17.58	276	222516	32.627	ng		97

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

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