Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103177.D
Acq On : 22 Feb 2018 21:54
Operator : SJ/JU
Sample : J1635-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-3FTMSD

Quant Time: Feb 23 02:15:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 14:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169528	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	697381	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	288203	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	388560	20.00	ng		0.00
75) Chrysene-d12	14.05	240	275546	20.00	ng		0.00
86) Perylene-d12	15.54	264	266750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	928244	82.81	ng		0.01
7) Phenol-d6	6.51	99	1109884	80.92	ng		0.00
23) Nitrobenzene-d5	7.44	82	715353	58.58	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	174734	71.63	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1080168	60.11	ng		0.00
78) Terphenyl-d14	12.98	244	665617	58.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	148032	25.005	ng		92
3) Pyridine	3.48	79	377222	23.867	ng		98
4) n-Nitrosodimethylamine	3.41	42	197346	30.960	ng		100
6) Aniline	6.53	93	435038	21.977	ng		94
8) 2-Chlorophenol	6.66	128	343625	29.510	ng		99
9) Benzaldehyde	6.42	77	213608	22.608	ng		99
10) Phenol	6.52	94	452282	28.405	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	352844	29.197	ng		95
12) 1,3-Dichlorobenzene	6.81	146	366789	27.564	ng		97
13) 1,4-Dichlorobenzene	6.89	146	366376	27.462	ng		99
14) 1,2-Dichlorobenzene	7.05	146	342122	27.811	ng		97
15) Benzyl Alcohol	7.02	79	300119	29.037	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	596503	28.744	ng		99
17) 2-Methylphenol	7.13	107	298264	28.186	ng		99
18) Hexachloroethane	7.38	117	114106	23.494	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	234547	27.476	ng		95
20) 3+4-Methylphenols	7.27	107	343213	26.607	ng	#	73
22) Acetophenone	7.28	105	456521	28.045	ng	#	89
24) Nitrobenzene	7.46	77	383603	28.532	ng		99
25) Isophorone	7.69	82	705526	29.335	ng		98
26) 2-Nitrophenol	7.77	139	179893	28.422	ng		93
27) 2,4-Dimethylphenol	7.80	122	306978	31.730	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	443112	31.337	ng		98
29) 2,4-Dichlorophenol	8.02	162	279762	30.203	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	275098	27.890	ng		98
31) Naphthalene	8.18	128	974823	28.552	ng		99
32) Benzoic acid	7.89	122	56463	13.647	ng		97
33) 4-Chloroaniline	8.23	127	300952	20.427	ng		98
34) Hexachlorobutadiene	8.29	225	138161	26.898	ng		99
35) Caprolactam	8.59	113	86890	26.691	ng	#	78
36) 4-Chloro-3-methylphenol	8.71	107	303399	29.040	ng		98
37) 2-Methylnaphthalene	8.87	142	620406	28.116	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	234622	29.779	ng		99
40) Hexachlorocyclopentadiene	9.02	237	17217	14.393	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	165427	31.204	ng		100
43) 2,4,5-Trichlorophenol	9.19	196	169538	27.804	ng		97
45) 1,1'-Biphenyl	9.33	154	707673	29.303	ng		98
46) 2-Chloronaphthalene	9.36	162	558786	29.247	ng		98
47) 2-Nitroaniline	9.46	65	214800	30.351	ng		92
48) Acenaphthylene	9.77	152	819400	27.874	ng		99
49) Dimethylphthalate	9.63	163	732677	31.690	ng		100
50) 2,6-Dinitrotoluene	9.70	165	138485	28.543	ng		98
51) Acenaphthene	9.95	154	467498	27.273	ng		100
52) 3-Nitroaniline	9.87	138	151376	24.592	ng		98
53) 2,4-Dinitrophenol	9.98	184	14001	16.649	ng	#	19
54) Dibenzofuran	10.12	168	709641	30.158	ng		97
55) 4-Nitrophenol	10.03	139	179536	47.059	ng		94
56) 2,4-Dinitrotoluene	10.10	165	169237	27.580	ng		96
57) Fluorene	10.46	166	512560	25.570	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	106806	26.075	ng		96
59) Diethylphthalate	10.33	149	627752	28.389	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	237684	27.962	ng		97
61) 4-Nitroaniline	10.48	138	144421	23.489	ng		93
62) Azobenzene	10.61	77	614615	27.307	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	16754	11.302	ng		85
65) n-Nitrosodiphenylamine	10.57	169	472474	34.923	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	135405	33.453	ng		96
67) Hexachlorobenzene	11.01	284	133491	30.385	ng		96
68) Atrazine	11.09	200	129815	31.924	ng		97
69) Pentachlorophenol	11.20	266	102778	48.383	ng		97
70) Phenanthrene	11.43	178	614465	28.735	ng		99
71) Anthracene	11.47	178	640473	29.209	ng		99
72) Carbazole	11.63	167	587505	26.905	ng		99
73) Di-n-butylphthalate	11.95	149	839432	30.722	ng		99
74) Fluoranthene	12.62	202	554983	25.827	ng		99
76) Benzidine	12.74	184	306524	29.756	ng		98
77) Pyrene	12.84	202	561417	26.133	ng		99
79) Butylbenzylphthalate	13.46	149	296926	26.160	ng		95
80) Benzo(a)anthracene	14.04	228	519912	29.080	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	201721	31.616	ng		97
82) Chrysene	14.07	228	499233	28.758	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	414169	27.040	ng		100
84) Di-n-octyl phthalate	14.63	149	763230	30.840	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	389764	28.361	ng		97
87) Benzo(b)fluoranthene	15.10	252	492227	28.065	ng		97
88) Benzo(k)fluoranthene	15.13	252	514245	31.137	ng		99
89) Benzo(a)pyrene	15.48	252	458075	29.248	ng		96
90) Dibenzo(a,h)anthracene	17.06	278	336135	27.775	ng		99
91) Benzo(g,h,i)perylene	17.51	276	313869	26.536	ng		98

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

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