Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101538.D
Acq On : 19 Dec 2017 22:24
Operator : SJ/JU
Sample : I6975-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12000MSD

Quant Time: Dec 20 07:01:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	125910	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	482368	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	179252	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	286749	20.00	ng		0.00
75) Chrysene-d12	13.99	240	283700	20.00	ng		0.00
86) Perylene-d12	15.46	264	327512	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1009467	119.43	ng		0.02
7) Phenol-d6	6.46	99	1084900	103.13	ng		0.00
23) Nitrobenzene-d5	7.38	82	737093	85.06	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	191660	110.96	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1099015	95.11	ng		0.00
78) Terphenyl-d14	12.92	244	906201	77.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	169417	39.007	ng		96
3) Pyridine	3.39	79	231689	19.200	ng		99
4) n-Nitrosodimethylamine	3.31	42	225397	40.567	ng		95
6) Aniline	6.48	93	328727	22.486	ng	#	87
8) 2-Chlorophenol	6.60	128	334651	37.636	ng		96
9) Benzaldehyde	6.37	77	223009	28.705	ng		99
10) Phenol	6.47	94	455147	37.960	ng		91
11) bis(2-Chloroethyl)ether	6.55	93	347490	36.947	ng		98
12) 1,3-Dichlorobenzene	6.75	146	385554	38.419	ng		97
13) 1,4-Dichlorobenzene	6.83	146	390198	38.076	ng		97
14) 1,2-Dichlorobenzene	6.98	146	359732	38.998	ng		97
15) Benzyl Alcohol	6.96	79	254480	35.145	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	603865	41.953	ng		65
17) 2-Methylphenol	7.07	107	282774	34.573	ng	#	88
18) Hexachloroethane	7.31	117	135352	37.988	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	242847	35.152	ng		94
20) 3+4-Methylphenols	7.23	107	361578	41.718	ng	#	58
22) Acetophenone	7.22	105	479565	43.571	ng	#	94
24) Nitrobenzene	7.40	77	385187	40.164	ng		96
25) Isophorone	7.63	82	679225	39.073	ng		97
26) 2-Nitrophenol	7.72	139	181709	44.102	ng		98
27) 2,4-Dimethylphenol	7.75	122	297844	42.551	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	440031	39.849	ng		97
29) 2,4-Dichlorophenol	7.96	162	280302	40.533	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	286239	39.222	ng		95
31) Naphthalene	8.12	128	933043	38.422	ng		99
32) Benzoic acid	7.89	122	118780	28.968	ng		97
33) 4-Chloroaniline	8.17	127	200367	18.984	ng		99
34) Hexachlorobutadiene	8.22	225	167264	39.628	ng		99
35) Caprolactam	8.54	113	79739	33.207	ng		92
36) 4-Chloro-3-methylphenol	8.66	107	273903	36.036	ng		98
37) 2-Methylnaphthalene	8.80	142	585786	37.024	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	275766	45.566	ng		98
40) Hexachlorocyclopentadiene	8.95	237	8625	20.439	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	160293	43.995	ng		100
43) 2,4,5-Trichlorophenol	9.15	196	157121	39.385	ng		94
45) 1,1'-Biphenyl	9.27	154	680965	42.836	ng		99
46) 2-Chloronaphthalene	9.30	162	506181	41.614	ng		96
47) 2-Nitroaniline	9.40	65	170674	40.618	ng		95
48) Acenaphthylene	9.71	152	723430	37.655	ng		99
49) Dimethylphthalate	9.57	163	598427	41.505	ng		99
50) 2,6-Dinitrotoluene	9.64	165	117709	40.168	ng	#	84
51) Acenaphthene	9.88	154	429934	37.247	ng		100
52) 3-Nitroaniline	9.82	138	109215	29.893	ng		97
53) 2,4-Dinitrophenol	9.95	184	19096	26.616	ng	#	17
54) Dibenzofuran	10.06	168	597373	40.724	ng		99
55) 4-Nitrophenol	10.00	139	105870	66.455	ng		90
56) 2,4-Dinitrotoluene	10.06	165	135692	41.098	ng	#	85
57) Fluorene	10.40	166	473263	38.139	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	115153	40.176	ng	#	87
59) Diethylphthalate	10.26	149	526073	36.844	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	234383	39.411	ng		90
61) 4-Nitroaniline	10.43	138	111167	30.271	ng		95
62) Azobenzene	10.55	77	531519	35.935	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	21131	14.441	ng		91
65) n-Nitrosodiphenylamine	10.50	169	430925	40.699	ng		95
66) 4-Bromophenyl-phenylether	10.87	248	138392	42.952	ng	#	89
67) Hexachlorobenzene	10.95	284	135715	39.798	ng	#	89
68) Atrazine	11.03	200	132816	42.069	ng		98
69) Pentachlorophenol	11.16	266	100577	76.185	ng		95
70) Phenanthrene	11.36	178	627359	39.341	ng		99
71) Anthracene	11.42	178	654853	40.202	ng		99
72) Carbazole	11.57	167	585004	38.359	ng		99
73) Di-n-butylphthalate	11.89	149	738710	39.908	ng		99
74) Fluoranthene	12.56	202	717313	42.855	ng		98
76) Benzidine	12.68	184	60238	5.027	ng		95
77) Pyrene	12.79	202	772606	36.287	ng		99
79) Butylbenzylphthalate	13.39	149	313998	32.593	ng		94
80) Benzo(a)anthracene	13.98	228	743140	39.670	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	240262	39.334	ng	#	98
82) Chrysene	14.02	228	710783	40.186	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	420457	34.457	ng		99
84) Di-n-octyl phthalate	14.56	149	836762	38.451	ng		98
85) Indeno(1,2,3-cd)pyrene	16.96	276	684473	43.457	ng		96
87) Benzo(b)fluoranthene	15.03	252	762754	38.209	ng		99
88) Benzo(k)fluoranthene	15.06	252	737062	37.975	ng		98
89) Benzo(a)pyrene	15.40	252	728347	39.578	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	582917	36.893	ng		97
91) Benzo(g,h,i)perylene	17.40	276	554830	35.462	ng		96

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

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