Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107802.D
Acq On : 30 Jul 2018 16:20
Operator : JU/SJ
Sample : PB111574BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111574BS

Quant Time: Jul 30 18:07:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	161045	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	655225	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	303897	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	642291	20.00	ng		0.00
75) Chrysene-d12	14.15	240	446963	20.00	ng		0.00
86) Perylene-d12	15.68	264	400697	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	983996	103.84	ng		0.01
7) Phenol-d6	6.61	99	1219948	97.69	ng		0.00
23) Nitrobenzene-d5	7.53	82	810545	71.27	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	451519	109.34	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1627783	74.64	ng		0.00
78) Terphenyl-d14	13.08	244	1784832	86.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	131440	31.790	ng	#	83
3) Pyridine	3.67	79	316394	30.992	ng	#	84
4) n-Nitrosodimethylamine	3.63	42	129060	26.768	ng		94
6) Aniline	6.64	93	233518	17.977	ng	#	55
8) 2-Chlorophenol	6.75	128	382225	32.112	ng		96
9) Benzaldehyde	6.52	77	163542	21.705	ng		93
10) Phenol	6.62	94	412813	27.719	ng		90
11) bis(2-Chloroethyl)ether	6.70	93	318223	24.030	ng		94
12) 1,3-Dichlorobenzene	6.90	146	397005	31.801	ng		99
13) 1,4-Dichlorobenzene	6.98	146	437987	31.517	ng		100
14) 1,2-Dichlorobenzene	7.13	146	400489	31.046	ng		100
15) Benzyl Alcohol	7.11	79	277780	35.786	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	605505	31.802	ng		56
17) 2-Methylphenol	7.22	107	304205	34.621	ng	#	85
18) Hexachloroethane	7.47	117	155503	31.131	ng		100
19) n-Nitroso-di-n-propylamine	7.37	70	266010	33.578	ng		96
20) 3+4-Methylphenols	7.38	107	401275	37.197	ng	#	76
22) Acetophenone	7.37	105	547776	34.749	ng	#	92
24) Nitrobenzene	7.55	77	373850	31.348	ng		97
25) Isophorone	7.78	82	715958	38.349	ng		100
26) 2-Nitrophenol	7.86	139	212721	35.541	ng		97
27) 2,4-Dimethylphenol	7.90	122	332957	41.551	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	462327	37.577	ng		98
29) 2,4-Dichlorophenol	8.11	162	336874	37.166	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	355973	34.426	ng		97
31) Naphthalene	8.27	128	1139974	37.428	ng		99
32) Benzoic acid	8.04	122	172805	32.375	ng		97
33) 4-Chloroaniline	8.32	127	130599	10.039	ng		97
34) Hexachlorobutadiene	8.37	225	214530	33.574	ng		97
35) Caprolactam	8.70	113	103355	37.878	ng	#	85
36) 4-Chloro-3-methylphenol	8.81	107	363867	36.964	ng		100
37) 2-Methylnaphthalene	8.95	142	787303	41.151	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	378071	36.489	ng		98
40) Hexachlorocyclopentadiene	9.10	237	369352	82.550	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	236330	41.258	ng		97
43) 2,4,5-Trichlorophenol	9.29	196	260859	37.828	ng		94
45) 1,1'-Biphenyl	9.42	154	992768	35.897	ng		98
46) 2-Chloronaphthalene	9.45	162	738590	35.414	ng		99
47) 2-Nitroaniline	9.55	65	245703	36.219	ng		93
48) Acenaphthylene	9.87	152	1217952	37.670	ng		99
49) Dimethylphthalate	9.72	163	857548	37.574	ng		100
50) 2,6-Dinitrotoluene	9.79	165	185394	37.379	ng		92
51) Acenaphthene	10.04	154	671303	35.742	ng		100
52) 3-Nitroaniline	9.97	138	107584	17.214	ng		94
53) 2,4-Dinitrophenol	10.08	184	180356	70.156	ng	#	27
54) Dibenzofuran	10.21	168	1040734	35.850	ng		100
55) 4-Nitrophenol	10.15	139	210500	72.545	ng		88
56) 2,4-Dinitrotoluene	10.20	165	234859	36.027	ng	#	93
57) Fluorene	10.55	166	849037	37.633	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	235263	37.144	ng	#	83
59) Diethylphthalate	10.42	149	910130	37.090	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	417376	33.960	ng		90
61) 4-Nitroaniline	10.60	138	192871	34.774	ng		96
62) Azobenzene	10.70	77	818993	35.836	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	125264	35.849	ng		85
65) n-Nitrosodiphenylamine	10.67	169	747114	35.326	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	256788	34.301	ng	#	86
67) Hexachlorobenzene	11.10	284	286381	34.497	ng	#	89
68) Atrazine	11.19	200	235384	37.605	ng		95
69) Pentachlorophenol	11.30	266	271283	66.383	ng		98
70) Phenanthrene	11.52	178	1168672	38.320	ng		99
71) Anthracene	11.58	178	1349110	38.352	ng		100
72) Carbazole	11.74	167	1199057	34.492	ng		99
73) Di-n-butylphthalate	12.04	149	1400580	36.930	ng		100
74) Fluoranthene	12.72	202	1347855	37.619	ng		96
76) Benzidine	12.85	184	356746	24.686	ng		98
77) Pyrene	12.95	202	1332841	41.412	ng		98
79) Butylbenzylphthalate	13.55	149	582530	41.331	ng		93
80) Benzo(a)anthracene	14.14	228	1007377	39.788	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	224658	22.890	ng	#	96
82) Chrysene	14.18	228	1042951	38.191	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	733691	41.408	ng		99
84) Di-n-octyl phthalate	14.72	149	1101663	38.736	ng		100
85) Indeno(1,2,3-cd)pyrene	17.27	276	1029041	49.540	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	731647	37.022	ng		98
88) Benzo(k)fluoranthene	15.25	252	926324	38.178	ng	#	97
89) Benzo(a)pyrene	15.62	252	805335	39.474	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	848509	47.680	ng		97
91) Benzo(g,h,i)perylene	17.75	276	875871	50.865	ng	#	93

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

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