Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111495.D
Acq On : 16 Dec 2018 5:08
Operator : JU/SJ
Sample : J6199-06MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-121218-AMSD

Quant Time: Dec 17 00:59:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	141550	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	521577	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	198493	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	305683	20.00	ng		0.00
76) Chrysene-d12	13.95	240	266446	20.00	ng		0.00
87) Perylene-d12	15.39	264	178375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1031969	121.32	ng		0.02
7) Phenol-d6	6.44	99	1150791	101.71	ng		0.00
23) Nitrobenzene-d5	7.36	82	872919	99.66	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	225022	126.55	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1478115	115.02	ng		0.00
79) Terphenyl-d14	12.90	244	1199950	105.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	130071	31.660	ng	#	82
3) Pyridine	3.36	79	301927	29.261	ng		93
4) n-Nitrosodimethylamine	3.27	42	200972	42.880	ng		82
6) Aniline	6.46	93	119496	8.514	ng	#	1
8) 2-Chlorophenol	6.59	128	394921	38.856	ng		96
9) Benzaldehyde	6.34	77	116095	16.916	ng		98
10) Phenol	6.45	94	378075	29.995	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	375678	38.021	ng		98
12) 1,3-Dichlorobenzene	6.74	146	424362	37.930	ng		98
13) 1,4-Dichlorobenzene	6.82	146	429082	37.784	ng		97
14) 1,2-Dichlorobenzene	6.97	146	406187	38.020	ng		98
15) Benzyl Alcohol	6.94	79	320505	37.227	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	745497	38.642	ng		99
17) 2-Methylphenol	7.06	107	296052	36.194	ng		96
18) Hexachloroethane	7.31	117	140263	33.189	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	275361	36.887	ng		94
20) 3+4-Methylphenols	7.21	107	369372	36.000	ng	#	79
22) Acetophenone	7.20	105	554398	47.615	ng	#	90
24) Nitrobenzene	7.37	77	393004	43.985	ng		98
25) Isophorone	7.62	82	707218	47.720	ng		100
26) 2-Nitrophenol	7.69	139	170264	36.745	ng		98
27) 2,4-Dimethylphenol	7.73	122	326021	48.533	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	469270	45.867	ng		99
29) 2,4-Dichlorophenol	7.94	162	303012	42.255	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	313184	41.720	ng		97
31) Naphthalene	8.10	128	1119970	45.909	ng		97
32) Benzoic acid	7.83	122	110791	19.086	ng		93
33) 4-Chloroaniline	8.15	127	67607	6.232	ng		96
34) Hexachlorobutadiene	8.22	225	172039	41.597	ng		98
35) Caprolactam	8.50	113	60207	22.614	ng		99
36) 4-Chloro-3-methylphenol	8.64	107	292373	37.041	ng		94
37) 2-Methylnaphthalene	8.79	142	705724	42.751	ng		99
38) 1-Methylnaphthalene	8.89	142	657522	41.230	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	269726	49.550	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	46913	16.786 ng		96
43) 2,4,6-Trichlorophenol	9.07	196	175727	45.612 ng		97
44) 2,4,5-Trichlorophenol	9.12	196	182362	44.482 ng		96
46) 1,1'-Biphenyl	9.25	154	789223	46.925 ng		94
47) 2-Chloronaphthalene	9.28	162	601753	47.070 ng		93
48) 2-Nitroaniline	9.37	65	187511	45.174 ng		98
49) Acenaphthylene	9.69	152	903457	47.610 ng		95
50) Dimethylphthalate	9.55	163	709804	49.654 ng		97
51) 2,6-Dinitrotoluene	9.61	165	133701	41.552 ng	#	89
52) Acenaphthene	9.86	154	517925	43.183 ng		98
53) 3-Nitroaniline	9.78	138	87248	22.324 ng		90
54) 2,4-Dinitrophenol	9.89	184	3727	3.045 ng	#	79
55) Dibenzofuran	10.03	168	767293	44.073 ng		97
56) 4-Nitrophenol	9.95	139	172647	63.832 ng		99
57) 2,4-Dinitrotoluene	10.02	165	162333	38.438 ng		95
58) Fluorene	10.38	166	577285	45.716 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	131334	41.001 ng		99
60) Diethylphthalate	10.25	149	658595	45.483 ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	265293	42.941 ng		96
62) 4-Nitroaniline	10.39	138	145729	37.666 ng		94
63) Azobenzene	10.53	77	578583	40.530 ng		95
65) 4,6-Dinitro-2-methylphenol	10.42	198	6025	3.491 ng		97
66) n-Nitrosodiphenylamine	10.49	169	508430	48.232 ng		96
67) 4-Bromophenyl-phenylether	10.86	248	150186	45.585 ng		96
68) Hexachlorobenzene	10.93	284	144933	42.765 ng	#	90
69) Atrazine	11.02	200	147023	48.261 ng		97
70) Pentachlorophenol	11.12	266	107333	51.636 ng		94
71) Phenanthrene	11.34	178	763918	48.499 ng		93
72) Anthracene	11.39	178	802545	49.821 ng		94
73) Carbazole	11.54	167	747567	44.878 ng		95
74) Di-n-butylphthalate	11.88	149	933191	50.302 ng	#	95
75) Fluoranthene	12.53	202	822438	53.372 ng		96
77) Benzidine	12.64	184	362891	37.050 ng		97
78) Pyrene	12.76	202	854921	45.510 ng		95
80) Butylbenzylphthalate	13.37	149	416822	45.522 ng		91
81) Benzo(a)anthracene	13.94	228	692731	47.815 ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	144368	24.512 ng		97
83) Chrysene	13.98	228	700227	45.880 ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	584718	49.996 ng		98
85) Di-n-octyl phthalate	14.54	149	1045241	52.985 ng		98
86) Indeno(1,2,3-cd)pyrene	16.81	276	442855	40.205 ng		94
88) Benzo(b)fluoranthene	14.97	252	545367	52.442 ng		97
89) Benzo(k)fluoranthene	15.00	252	475177	47.819 ng		97
90) Benzo(a)pyrene	15.33	252	460002	49.052 ng		98
91) Dibenzo(a,h)anthracene	16.82	278	375821	50.803 ng	#	93
92) Benzo(g,h,i)perylene	17.23	276	370898	51.078 ng	#	93

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

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