Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111511.D
Acq On : 16 Dec 2018 16:27
Operator : JU/SJ
Sample : J6386-14MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS006-1824-01MSD

Quant Time: Dec 17 06:41:27 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	170748	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	921743	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	432429	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	602127	20.00	ng		0.00
76) Chrysene-d12	13.95	240	436171	20.00	ng		0.00
87) Perylene-d12	15.39	264	362023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1350290	131.60	ng		0.00
7) Phenol-d6	6.44	99	1752514	128.40	ng		0.00
23) Nitrobenzene-d5	7.35	82	1103396	71.28	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	388648	100.33	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2492552	89.03	ng		0.00
79) Terphenyl-d14	12.89	244	1554848	83.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	157075	31.695	ng		94
3) Pyridine	3.28	79	392396	31.526	ng		95
4) n-Nitrosodimethylamine	3.20	42	252581	44.676	ng		91
6) Aniline	6.45	93	141286	8.345	ng	#	1
8) 2-Chlorophenol	6.58	128	470114	38.345	ng		98
9) Benzaldehyde	6.33	77	159466	19.262	ng		96
10) Phenol	6.45	94	648464	42.650	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	422702	35.465	ng		99
12) 1,3-Dichlorobenzene	6.73	146	481205	35.656	ng		96
13) 1,4-Dichlorobenzene	6.80	146	495377	36.163	ng		98
14) 1,2-Dichlorobenzene	6.96	146	467528	36.279	ng		96
15) Benzyl Alcohol	6.93	79	396401	38.169	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	851220	36.577	ng		96
17) 2-Methylphenol	7.06	107	377259	38.235	ng	#	94
18) Hexachloroethane	7.30	117	177762	34.869	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	322131	35.773	ng		90
20) 3+4-Methylphenols	7.20	107	485855	39.255	ng	#	85
22) Acetophenone	7.20	105	656829	31.922	ng	#	90
24) Nitrobenzene	7.37	77	475249	30.098	ng		98
25) Isophorone	7.61	82	880481	33.618	ng		98
26) 2-Nitrophenol	7.69	139	244693	29.882	ng		99
27) 2,4-Dimethylphenol	7.73	122	417024	35.128	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	594113	32.859	ng		99
29) 2,4-Dichlorophenol	7.93	162	459980	36.297	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	466423	35.158	ng		99
31) Naphthalene	8.09	128	1838209	42.638	ng		97
32) Benzoic acid	7.84	122	151065	14.726	ng		99
33) 4-Chloroaniline	8.14	127	145213	7.575	ng		94
34) Hexachlorobutadiene	8.22	225	285946	39.123	ng		97
35) Caprolactam	8.51	113	165773	35.233	ng		89
36) 4-Chloro-3-methylphenol	8.63	107	567696	40.697	ng		98
37) 2-Methylnaphthalene	8.79	142	1292437	44.303	ng		98
38) 1-Methylnaphthalene	8.89	142	1212730	43.030	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	479303	40.417	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	292528	48.045 ng		99
43) 2,4,6-Trichlorophenol	9.07	196	335342	39.954 ng		98
44) 2,4,5-Trichlorophenol	9.12	196	353525	39.582 ng		92
46) 1,1'-Biphenyl	9.25	154	1426383	38.929 ng		95
47) 2-Chloronaphthalene	9.27	162	1122498	40.304 ng		95
48) 2-Nitroaniline	9.37	65	362576	40.095 ng		91
49) Acenaphthylene	9.69	152	1731237	41.877 ng		96
50) Dimethylphthalate	9.55	163	1541453	49.496 ng		99
51) 2,6-Dinitrotoluene	9.61	165	276258	39.410 ng		96
52) Acenaphthene	9.86	154	997335	38.169 ng		98
53) 3-Nitroaniline	9.77	138	168306	19.767 ng		95
54) 2,4-Dinitrophenol	9.88	184	22899	8.586 ng		91
55) Dibenzofuran	10.03	168	1467293	38.687 ng		95
56) 4-Nitrophenol	9.95	139	363949	61.766 ng		94
57) 2,4-Dinitrotoluene	10.01	165	332014	36.086 ng		99
58) Fluorene	10.37	166	1097354	39.889 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	227624	32.619 ng		96
60) Diethylphthalate	10.25	149	1233331	39.096 ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	493081	36.635 ng		96
62) 4-Nitroaniline	10.39	138	224236	26.604 ng		94
63) Azobenzene	10.52	77	1134630	36.484 ng		94
65) 4,6-Dinitro-2-methylphenol	10.42	198	23872	7.023 ng		85
66) n-Nitrosodiphenylamine	10.49	169	964944	46.472 ng		98
67) 4-Bromophenyl-phenylether	10.86	248	289046	44.539 ng		93
68) Hexachlorobenzene	10.93	284	278829	41.768 ng		97
69) Atrazine	11.01	200	259058	43.170 ng		99
70) Pentachlorophenol	11.12	266	245713	60.011 ng		99
71) Phenanthrene	11.33	178	1415803	45.632 ng		94
72) Anthracene	11.39	178	1354458	42.687 ng		95
73) Carbazole	11.54	167	1179728	35.954 ng		95
74) Di-n-butylphthalate	11.87	149	1381165	37.796 ng	#	96
75) Fluoranthene	12.52	202	1204806	39.693 ng		98
77) Benzidine	12.66	184	2012	0.125 ng	#	1
78) Pyrene	12.75	202	1249580	40.635 ng		96
80) Butylbenzylphthalate	13.37	149	549223	36.641 ng		93
81) Benzo(a)anthracene	13.94	228	1016267	42.851 ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	36048	3.739 ng	#	95
83) Chrysene	13.97	228	972120	38.910 ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	772379	40.344 ng		98
85) Di-n-octyl phthalate	14.54	149	1413320	43.765 ng		98
86) Indeno(1,2,3-cd)pyrene	16.80	276	692460	38.403 ng		97
88) Benzo(b)fluoranthene	14.97	252	940189	44.545 ng		99
89) Benzo(k)fluoranthene	15.00	252	876670	43.469 ng		99
90) Benzo(a)pyrene	15.33	252	825995	43.398 ng		99
91) Dibenzo(a,h)anthracene	16.82	278	581615	38.739 ng		96
92) Benzo(g,h,i)perylene	17.23	276	574275	38.967 ng		97

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

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