Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107041.D
Acq On : 2 Jul 2018 13:45
Operator : JU/SJ
Sample : J3761-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 256-CONCORD-COMPMSD

Quant Time: Jul 02 15:09:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	57638	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	222637	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	112506	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	219041	20.00	ng		0.00
75) Chrysene-d12	14.15	240	189274	20.00	ng		-0.01
86) Perylene-d12	15.70	264	158066	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	339366	99.70	ng		0.00
7) Phenol-d6	6.61	99	418524	98.46	ng		0.00
23) Nitrobenzene-d5	7.52	82	262031	65.41	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	143340	109.93	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	500594	73.28	ng		-0.01
78) Terphenyl-d14	13.08	244	598461	76.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	43094	24.626	ng		97
3) Pyridine	3.61	79	130038	27.400	ng		98
4) n-Nitrosodimethylamine	3.57	42	52041	25.817	ng		83
6) Aniline	6.62	93	138777	24.068	ng	#	71
8) 2-Chlorophenol	6.75	128	127404	34.126	ng		95
9) Benzaldehyde	6.51	77	68526	20.785	ng		97
10) Phenol	6.62	94	158758	32.726	ng		76
11) bis(2-Chloroethyl)ether	6.69	93	122566	30.605	ng		99
12) 1,3-Dichlorobenzene	6.90	146	146308	33.460	ng		96
13) 1,4-Dichlorobenzene	6.97	146	147445	33.353	ng		99
14) 1,2-Dichlorobenzene	7.12	146	138339	34.146	ng		99
15) Benzyl Alcohol	7.10	79	106782	31.285	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	176155	33.525	ng	#	43
17) 2-Methylphenol	7.22	107	106450	33.318	ng	#	91
18) Hexachloroethane	7.47	117	41579	26.746	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	88144	31.458	ng		94
20) 3+4-Methylphenols	7.37	107	139623	39.003	ng	#	88
22) Acetophenone	7.37	105	178308	35.798	ng	#	98
24) Nitrobenzene	7.54	77	133924	32.743	ng		99
25) Isophorone	7.78	82	244375	34.617	ng		99
26) 2-Nitrophenol	7.86	139	65286	33.813	ng		94
27) 2,4-Dimethylphenol	7.90	122	115402	38.669	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	157854	33.303	ng		98
29) 2,4-Dichlorophenol	8.11	162	117854	37.720	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	126128	36.644	ng		98
31) Naphthalene	8.27	128	366064	35.168	ng		99
32) Benzoic acid	7.99	122	8986	9.376	ng		99
33) 4-Chloroaniline	8.31	127	82904	18.982	ng		99
34) Hexachlorobutadiene	8.37	225	83250	37.119	ng		99
35) Caprolactam	8.68	113	34643	34.014	ng		91
36) 4-Chloro-3-methylphenol	8.81	107	116195	35.332	ng		94
37) 2-Methylnaphthalene	8.95	142	271036	39.284	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	142845	37.701	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	12388	6.355	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	85068	33.777 ng		97
43) 2,4,5-Trichlorophenol	9.29	196	84843	32.284 ng	#	89
45) 1,1'-Biphenyl	9.42	154	327436	36.519 ng		97
46) 2-Chloronaphthalene	9.45	162	236271	33.477 ng		94
47) 2-Nitroaniline	9.55	65	74553	31.413 ng		99
48) Acenaphthylene	9.87	152	372325	33.414 ng		99
49) Dimethylphthalate	9.71	163	341462	40.467 ng		99
50) 2,6-Dinitrotoluene	9.78	165	62255	34.842 ng		93
51) Acenaphthene	10.04	154	223950	31.917 ng		97
52) 3-Nitroaniline	9.96	138	52579	25.572 ng		100
53) 2,4-Dinitrophenol	10.08	184	13671	19.084 ng	#	18
54) Dibenzofuran	10.21	168	344563	35.862 ng		97
55) 4-Nitrophenol	10.14	139	59527	41.476 ng		98
56) 2,4-Dinitrotoluene	10.20	165	79178	33.949 ng		89
57) Fluorene	10.55	166	272628	35.758 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	72901	34.897 ng	#	80
59) Diethylphthalate	10.41	149	268019	32.909 ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	141866	35.562 ng	#	86
61) 4-Nitroaniline	10.58	138	60016	29.411 ng		93
62) Azobenzene	10.70	77	246643	30.754 ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	21375	15.787 ng		82
65) n-Nitrosodiphenylamine	10.66	169	237534	32.241 ng		99
66) 4-Bromophenyl-phenylether	11.03	248	96048	36.742 ng	#	76
67) Hexachlorobenzene	11.10	284	98363	35.951 ng	#	86
68) Atrazine	11.18	200	82995	35.435 ng		95
69) Pentachlorophenol	11.31	266	51985	38.079 ng		98
70) Phenanthrene	11.52	178	384828	36.426 ng		99
71) Anthracene	11.57	178	393433	36.485 ng		100
72) Carbazole	11.73	167	346239	34.295 ng		98
73) Di-n-butylphthalate	12.04	149	414210	34.825 ng		99
74) Fluoranthene	12.71	202	420720	36.130 ng		96
76) Benzidine	12.84	184	221057	41.009 ng		97
77) Pyrene	12.95	202	410010	32.850 ng		99
79) Butylbenzylphthalate	13.54	149	162274	31.622 ng	#	97
80) Benzo(a)anthracene	14.14	228	391067	33.901 ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	128512	31.697 ng	#	95
82) Chrysene	14.18	228	364769	34.371 ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	214787	32.738 ng	#	96
84) Di-n-octyl phthalate	14.73	149	372643	34.845 ng		95
85) Indeno(1,2,3-cd)pyrene	17.30	276	303265	33.673 ng	#	89
87) Benzo(b)fluoranthene	15.24	252	347111	35.351 ng	#	96
88) Benzo(k)fluoranthene	15.28	252	314264	33.609 ng	#	96
89) Benzo(a)pyrene	15.64	252	303264	34.743 ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	256627	34.691 ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	242103	33.483 ng	#	88

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

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