Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107196.D
Acq On : 7 Jul 2018 10:44
Operator : JU/SJ
Sample : PB110879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED
Sohil
7/9/2018 2:06:10 PM

Quant Time: Jul 09 02:36:25 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	69209	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	262349	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	140762	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	284322	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	207355	20.00	ng		-0.02
86) Perylene-d12	15.67	264	202407	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	426796	104.42	ng		0.00
7) Phenol-d6	6.60	99	532344	104.30	ng		-0.01
23) Nitrobenzene-d5	7.51	82	349379	74.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	193104	118.36	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	657248	77.78	ng		-0.02
78) Terphenyl-d14	13.07	244	782122	91.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	55147	26.244	ng		100
3) Pyridine	3.64	79	162325	28.484	ng		97
4) n-Nitrosodimethylamine	3.61	42	66770	27.586	ng		85
6) Aniline	6.62	93	131402	18.979	ng	#	83
8) 2-Chlorophenol	6.74	128	152106	33.930	ng		98
9) Benzaldehyde	6.50	77	66881	16.429	ng		99
10) Phenol	6.61	94	183849	31.562	ng		82
11) bis(2-Chloroethyl)ether	6.68	93	152587	31.731	ng		98
12) 1,3-Dichlorobenzene	6.89	146	177878	33.878	ng		97
13) 1,4-Dichlorobenzene	6.97	146	178549	33.636	ng		96
14) 1,2-Dichlorobenzene	7.12	146	164549	33.825	ng		96
15) Benzyl Alcohol	7.10	79	127822	31.188	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	211388	33.504	ng	#	21
17) 2-Methylphenol	7.21	107	130829	34.103	ng	#	88
18) Hexachloroethane	7.45	117	60659	32.495	ng	#	84
19) n-Nitroso-di-n-propylamine	7.35	70	105959	31.494	ng		95
20) 3+4-Methylphenols	7.37	107	168652	39.310	ng		92
22) Acetophenone	7.35	105	211543	36.042	ng	#	99
24) Nitrobenzene	7.54	77	165955	34.433	ng		98
25) Isophorone	7.77	82	303298	36.460	ng		98
26) 2-Nitrophenol	7.85	139	87379	38.405	ng		96
27) 2,4-Dimethylphenol	7.88	122	143325	40.755	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	194945	34.903	ng		98
29) 2,4-Dichlorophenol	8.10	162	146449	39.777	ng		94
30) 1,2,4-Trichlorobenzene	8.17	180	158339	39.039	ng		97
31) Naphthalene	8.25	128	448318	36.551	ng		99
32) Benzoic acid	8.03	122	73048m	30.878	ng		
33) 4-Chloroaniline	8.30	127	62741	12.191	ng		99
34) Hexachlorobutadiene	8.35	225	102607	38.825	ng		99
35) Caprolactam	8.68	113	45130m	37.604	ng		
36) 4-Chloro-3-methylphenol	8.80	107	146159	37.715	ng		95
37) 2-Methylnaphthalene	8.94	142	334511	41.146	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	176684	37.272	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	78687	32.263	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	99374	31.537 ng		93
43) 2,4,5-Trichlorophenol	9.28	196	101898	30.991 ng		92
45) 1,1'-Biphenyl	9.41	154	404136	36.026 ng		98
46) 2-Chloronaphthalene	9.44	162	297618	33.705 ng		96
47) 2-Nitroaniline	9.54	65	91917	30.955 ng		99
48) Acenaphthylene	9.85	152	471075	33.790 ng		99
49) Dimethylphthalate	9.70	163	352117	33.353 ng		98
50) 2,6-Dinitrotoluene	9.78	165	81952	36.659 ng		95
51) Acenaphthene	10.02	154	282617	32.193 ng		98
52) 3-Nitroaniline	9.95	138	41301	16.055 ng		94
53) 2,4-Dinitrophenol	10.07	184	57924	51.853 ng	#	17
54) Dibenzofuran	10.20	168	427649	35.575 ng		94
55) 4-Nitrophenol	10.14	139	55811	31.081 ng		90
56) 2,4-Dinitrotoluene	10.19	165	106333	36.440 ng	#	93
57) Fluorene	10.54	166	348441	36.528 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	87258	33.385 ng	#	75
59) Diethylphthalate	10.40	149	330232	32.409 ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	182214	36.508 ng	#	87
61) 4-Nitroaniline	10.58	138	82219	32.204 ng		93
62) Azobenzene	10.69	77	323772	32.267 ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	58789	33.450 ng	#	68
65) n-Nitrosodiphenylamine	10.65	169	302734	31.656 ng		99
66) 4-Bromophenyl-phenylether	11.02	248	125185	36.893 ng	#	80
67) Hexachlorobenzene	11.10	284	134084	37.754 ng	#	79
68) Atrazine	11.18	200	110210	36.251 ng		94
69) Pentachlorophenol	11.30	266	57336	32.356 ng		99
70) Phenanthrene	11.51	178	512348	37.361 ng		99
71) Anthracene	11.57	178	528374	37.748 ng		100
72) Carbazole	11.72	167	461438	35.211 ng		98
73) Di-n-butylphthalate	12.02	149	516615	33.462 ng		100
74) Fluoranthene	12.71	202	548116	36.263 ng		95
76) Benzidine	12.82	184	169968	28.782 ng		97
77) Pyrene	12.94	202	544824	39.845 ng		100
79) Butylbenzylphthalate	13.54	149	194791	34.649 ng	#	89
80) Benzo(a)anthracene	14.13	228	456973	36.159 ng		100
81) 3,3'-Dichlorobenzidine	14.08	252	78783	17.737 ng	#	96
82) Chrysene	14.17	228	427694	36.786 ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	235583	32.777 ng	#	96
84) Di-n-octyl phthalate	14.71	149	371965	31.749 ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	493513	50.018 ng	#	90
87) Benzo(b)fluoranthene	15.22	252	400378m	31.843 ng		
88) Benzo(k)fluoranthene	15.25	252	404145	33.753 ng	#	96
89) Benzo(a)pyrene	15.61	252	408085	36.510 ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	408102	43.081 ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	429213	46.357 ng	#	90

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

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