Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
Data File : BF107263.D
Acq On : 10 Jul 2018 11:00
Operator : JU/SJ
Sample : PB110905BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Manual Integrations APPROVED
Sohil
7/11/2018 11:22:20 AM

Quant Time: Jul 10 12:51:32 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	6.94	152	34106	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	129080	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	67475	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	133216	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	90876	20.00	ng		-0.03
86) Perylene-d12	15.67	264	90700	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	242791	120.54	ng		-0.01
7) Phenol-d6	6.59	99	294295	117.00	ng		-0.02
23) Nitrobenzene-d5	7.51	82	193867	83.47	ng		-0.03
41) 2,4,6-Tribromophenol	10.78	330	100697	128.76	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	372511	95.22	ng		-0.03
78) Terphenyl-d14	13.06	244	410819	109.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	34359	33.181	ng		96
3) Pyridine	3.64	79	98300	35.003	ng		98
4) n-Nitrosodimethylamine	3.60	42	39383	33.018	ng		81
6) Aniline	6.61	93	79596	23.329	ng	#	23
8) 2-Chlorophenol	6.74	128	89456	40.493	ng		96
9) Benzaldehyde	6.50	77	48416	25.641	ng		98
10) Phenol	6.61	94	108955	37.956	ng		75
11) bis(2-Chloroethyl)ether	6.67	93	90036	37.994	ng		99
12) 1,3-Dichlorobenzene	6.88	146	105574	40.803	ng		98
13) 1,4-Dichlorobenzene	6.95	146	105917	40.490	ng		99
14) 1,2-Dichlorobenzene	7.11	146	98506	41.089	ng		99
15) Benzyl Alcohol	7.08	79	74490	36.882	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	129058	41.508	ng	#	27
17) 2-Methylphenol	7.20	107	75081	39.714	ng	#	88
18) Hexachloroethane	7.44	117	36907	40.121	ng		91
19) n-Nitroso-di-n-propylamine	7.35	70	63510	38.305	ng		93
20) 3+4-Methylphenols	7.36	107	99244	50.275	ng		96
22) Acetophenone	7.35	105	125701	43.528	ng	#	99
24) Nitrobenzene	7.52	77	97266	41.017	ng		99
25) Isophorone	7.76	82	178853	43.698	ng		98
26) 2-Nitrophenol	7.84	139	51193	45.731	ng		95
27) 2,4-Dimethylphenol	7.88	122	81353	47.017	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	114199	41.556	ng		99
29) 2,4-Dichlorophenol	8.09	162	82489	45.537	ng		95
30) 1,2,4-Trichlorobenzene	8.16	180	92310	46.257	ng		95
31) Naphthalene	8.24	128	265503	43.995	ng		99
32) Benzoic acid	8.02	122	43557	36.207	ng		98
33) 4-Chloroaniline	8.30	127	42395	16.742	ng		98
34) Hexachlorobutadiene	8.35	225	60662	46.652	ng		96
35) Caprolactam	8.68	113	24965m	42.278	ng		
36) 4-Chloro-3-methylphenol	8.80	107	82815	43.433	ng		95
37) 2-Methylnaphthalene	8.94	142	194186	48.546	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	100568	44.257	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	39445	33.739	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	57789	38.259	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	56359m	35.758	ng		
45) 1,1'-Biphenyl	9.40	154	234083	43.531	ng		97
46) 2-Chloronaphthalene	9.43	162	170124	40.192	ng		96
47) 2-Nitroaniline	9.53	65	51782	36.380	ng		91
48) Acenaphthylene	9.85	152	270135	40.423	ng		99
49) Dimethylphthalate	9.70	163	194568	38.447	ng		99
50) 2,6-Dinitrotoluene	9.77	165	45769	42.710	ng		89
51) Acenaphthene	10.02	154	163679	38.895	ng		97
52) 3-Nitroaniline	9.95	138	26192	21.240	ng		93
53) 2,4-Dinitrophenol	10.07	184	28483	53.054	ng	#	15
54) Dibenzofuran	10.19	168	246621	42.799	ng		96
55) 4-Nitrophenol	10.14	139	27652	32.125	ng		94
56) 2,4-Dinitrotoluene	10.18	165	56991	40.744	ng		95
57) Fluorene	10.54	166	200132	43.768	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	44041	35.152	ng	#	78
59) Diethylphthalate	10.40	149	187155	38.317	ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	103130	43.105	ng	#	86
61) 4-Nitroaniline	10.57	138	43155	35.262	ng		94
62) Azobenzene	10.68	77	183780	38.208	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	28370	34.452	ng		75
65) n-Nitrosodiphenylamine	10.64	169	169210	37.764	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	70844	44.560	ng	#	78
67) Hexachlorobenzene	11.09	284	72383	43.499	ng	#	83
68) Atrazine	11.17	200	58628	41.158	ng		94
69) Pentachlorophenol	11.30	266	28746m	34.622	ng		
70) Phenanthrene	11.51	178	282494	43.966	ng		99
71) Anthracene	11.56	178	292351	44.577	ng		99
72) Carbazole	11.72	167	242713	39.529	ng		98
73) Di-n-butylphthalate	12.02	149	282734	39.086	ng		99
74) Fluoranthene	12.70	202	291118	41.107	ng		95
76) Benzidine	12.82	184	67431	26.054	ng		98
77) Pyrene	12.93	202	288304	48.110	ng		99
79) Butylbenzylphthalate	13.52	149	98582	40.011	ng	#	98
80) Benzo(a)anthracene	14.12	228	236734	42.742	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	52228	26.830	ng	#	96
82) Chrysene	14.16	228	219411	43.060	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	126520	40.165	ng	#	98
84) Di-n-octyl phthalate	14.69	149	201138	39.173	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	269708	62.372	ng	#	90
87) Benzo(b)fluoranthene	15.21	252	215433	38.236	ng	#	96
88) Benzo(k)fluoranthene	15.24	252	216459	40.343	ng	#	95
89) Benzo(a)pyrene	15.61	252	216905	43.306	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	223527	52.659	ng	#	92
91) Benzo(g,h,i)perylene	17.75	276	236279	56.949	ng	#	89

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

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