Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106915.D
Acq On : 28 Jun 2018 12:50
Operator : JU/SJ
Sample : PB110625BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110625BSD

Manual Integrations APPROVED
Sohil
6/29/2018 2:30:35 PM

Quant Time: Jun 28 16:14:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73511	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	281047	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	150529	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	314105	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	240343	20.00	ng		-0.01
86) Perylene-d12	15.69	264	202141	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	523160	120.51	ng		0.00
7) Phenol-d6	6.60	99	667731	123.17	ng		-0.01
23) Nitrobenzene-d5	7.52	82	426940	84.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	253503	145.30	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	830984	95.21	ng		-0.01
78) Terphenyl-d14	13.08	244	1039169	104.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	69996	31.362	ng		98
3) Pyridine	3.65	79	210226	34.731	ng		96
4) n-Nitrosodimethylamine	3.62	42	85620	33.304	ng		87
6) Aniline	6.62	93	105575	14.356	ng		97
8) 2-Chlorophenol	6.75	128	196705	41.311	ng		98
9) Benzaldehyde	6.51	77	110745	27.579	ng		98
10) Phenol	6.61	94	233003	37.660	ng		91
11) bis(2-Chloroethyl)ether	6.69	93	191274	37.448	ng		99
12) 1,3-Dichlorobenzene	6.90	146	228798	41.026	ng		98
13) 1,4-Dichlorobenzene	6.97	146	229550	40.714	ng		98
14) 1,2-Dichlorobenzene	7.12	146	214431	41.499	ng		97
15) Benzyl Alcohol	7.10	79	171292	39.349	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	270993	40.437	ng		80
17) 2-Methylphenol	7.21	107	170715	41.895	ng	#	93
18) Hexachloroethane	7.46	117	79849	40.272	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	133396	37.328	ng		94
20) 3+4-Methylphenols	7.37	107	211230	49.356	ng	#	62
22) Acetophenone	7.36	105	270168	42.968	ng	#	97
24) Nitrobenzene	7.54	77	212733	41.202	ng		97
25) Isophorone	7.78	82	385234	43.229	ng		99
26) 2-Nitrophenol	7.85	139	112615	46.203	ng		98
27) 2,4-Dimethylphenol	7.89	122	183146	48.614	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	245227	40.984	ng		98
29) 2,4-Dichlorophenol	8.10	162	185268	46.973	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	202903	46.698	ng		98
31) Naphthalene	8.26	128	580940	44.212	ng		99
32) Benzoic acid	8.01	122	69590	28.094	ng		99
33) 4-Chloroaniline	8.31	127	37327	6.770	ng		98
34) Hexachlorobutadiene	8.37	225	132727	46.881	ng		99
35) Caprolactam	8.69	113	63737m	49.574	ng		
36) 4-Chloro-3-methylphenol	8.80	107	193318	46.566	ng		98
37) 2-Methylnaphthalene	8.95	142	428145	49.159	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	228699	45.114	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	178356	68.384	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	135701	40.271	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	138574m	39.411	ng		
45) 1,1'-Biphenyl	9.41	154	524913	43.756	ng		99
46) 2-Chloronaphthalene	9.44	162	387268	41.011	ng		96
47) 2-Nitroaniline	9.54	65	118642	37.363	ng		94
48) Acenaphthylene	9.86	152	613569	41.156	ng		98
49) Dimethylphthalate	9.71	163	462618	40.976	ng		98
50) 2,6-Dinitrotoluene	9.78	165	109550	45.824	ng		88
51) Acenaphthene	10.03	154	373099	39.742	ng		97
52) 3-Nitroaniline	9.95	138	27751	10.088	ng		95
53) 2,4-Dinitrophenol	10.07	184	83271	67.864	ng	#	15
54) Dibenzofuran	10.21	168	575779	44.790	ng		96
55) 4-Nitrophenol	10.14	139	112992	58.842	ng		97
56) 2,4-Dinitrotoluene	10.20	165	144539	46.319	ng	#	84
57) Fluorene	10.55	166	454165	44.522	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	125912	45.048	ng	#	79
59) Diethylphthalate	10.41	149	442258	40.587	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	238906	44.761	ng	#	85
61) 4-Nitroaniline	10.58	138	105748	38.732	ng		97
62) Azobenzene	10.70	77	418204	38.974	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	75601	38.937	ng	#	65
65) n-Nitrosodiphenylamine	10.66	169	398568	37.725	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	165762	44.219	ng	#	82
67) Hexachlorobenzene	11.10	284	177878	45.337	ng	#	86
68) Atrazine	11.18	200	150520	44.816	ng		95
69) Pentachlorophenol	11.30	266	114011	58.238	ng		98
70) Phenanthrene	11.52	178	670764	44.275	ng		99
71) Anthracene	11.57	178	702459	45.427	ng		100
72) Carbazole	11.72	167	617792	42.672	ng		98
73) Di-n-butylphthalate	12.04	149	680260	39.884	ng		100
74) Fluoranthene	12.71	202	747035	44.737	ng		95
76) Benzidine	12.83	184	227222	33.196	ng		96
77) Pyrene	12.94	202	754160	47.584	ng		100
79) Butylbenzylphthalate	13.54	149	273842	42.024	ng	#	97
80) Benzo(a)anthracene	14.14	228	653324	44.601	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	74557	14.482	ng	#	95
82) Chrysene	14.18	228	594039	44.080	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	347307	41.689	ng	#	96
84) Di-n-octyl phthalate	14.74	149	497099	36.606	ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	608963	53.248	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	517970	41.250	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	511965	42.814	ng	#	96
89) Benzo(a)pyrene	15.64	252	502412	45.008	ng	#	95
90) Dibenzo(a,h)anthracene	17.29	278	502020	53.066	ng	#	92
91) Benzo(g,h,i)perylene	17.77	276	531842	57.517	ng	#	89

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

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