Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108286.D
Acq On : 20 Aug 2018 13:32
Operator : JU/SJ
Sample : PB112189BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112189BS

Manual Integrations APPROVED
Sohil
8/21/2018 1:42:44 PM

Quant Time: Aug 20 15:13:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	174697	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	711708	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	363186	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	726977	20.00	ng		0.00
75) Chrysene-d12	14.22	240	572785	20.00	ng		0.00
86) Perylene-d12	15.78	264	415106	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1408314	145.95	ng		0.03
7) Phenol-d6	6.65	99	1913877	149.26	ng		0.02
23) Nitrobenzene-d5	7.58	82	995471	78.05	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	584753	161.41	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1920584	84.90	ng		0.00
78) Terphenyl-d14	13.15	244	2089617	92.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	176146	35.526	ng		89
3) Pyridine	3.77	79	491490	38.481	ng		91
4) n-Nitrosodimethylamine	3.73	42	259719	36.138	ng	#	84
6) Aniline	6.68	93	552297	31.665	ng		97
8) 2-Chlorophenol	6.81	128	473133	43.535	ng		96
9) Benzaldehyde	6.57	77	248136	24.959	ng		98
10) Phenol	6.66	94	594717	44.838	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	458902	42.796	ng		92
12) 1,3-Dichlorobenzene	6.96	146	532813	42.401	ng		99
13) 1,4-Dichlorobenzene	7.04	146	533217	42.234	ng		97
14) 1,2-Dichlorobenzene	7.19	146	494841	42.137	ng		97
15) Benzyl Alcohol	7.15	79	378671	35.079	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	850514	38.502	ng		99
17) 2-Methylphenol	7.26	107	434532	46.625	ng		94
18) Hexachloroethane	7.53	117	194185	43.202	ng		90
19) n-Nitroso-di-n-propylamine	7.42	70	359777	41.491	ng		92
20) 3+4-Methylphenols	7.41	107	516228	43.224	ng	#	87
22) Acetophenone	7.42	105	688053	41.345	ng	#	93
24) Nitrobenzene	7.60	77	535341	41.508	ng		96
25) Isophorone	7.84	82	985500	40.539	ng		97
26) 2-Nitrophenol	7.91	139	236818	48.622	ng		90
27) 2,4-Dimethylphenol	7.94	122	458740	42.517	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	589475	41.537	ng		100
29) 2,4-Dichlorophenol	8.15	162	432672	43.575	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	459409	41.965	ng		96
31) Naphthalene	8.32	128	1391753	42.999	ng		99
32) Benzoic acid	8.07	122	196723	33.483	ng		93
33) 4-Chloroaniline	8.37	127	365190	25.890	ng		98
34) Hexachlorobutadiene	8.43	225	295301	42.610	ng		98
35) Caprolactam	8.74	113	125371m	40.292	ng		
36) 4-Chloro-3-methylphenol	8.85	107	447012	41.732	ng		99
37) 2-Methylnaphthalene	9.02	142	961701	41.996	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	486863	43.653	ng		98
40) Hexachlorocyclopentadiene	9.17	237	501206	69.574	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	307201	44.386	ng		97
43) 2,4,5-Trichlorophenol	9.34	196	353486	46.396	ng	#	94
45) 1,1'-Biphenyl	9.48	154	1166087	43.547	ng		99
46) 2-Chloronaphthalene	9.51	162	917314	43.343	ng		99
47) 2-Nitroaniline	9.60	65	302750	44.211	ng		86
48) Acenaphthylene	9.93	152	1447199	43.253	ng		99
49) Dimethylphthalate	9.78	163	1065761	42.127	ng		99
50) 2,6-Dinitrotoluene	9.84	165	240232	45.386	ng		91
51) Acenaphthene	10.10	154	861473	42.037	ng		99
52) 3-Nitroaniline	10.02	138	189595	32.738	ng		100
53) 2,4-Dinitrophenol	10.12	184	178034	89.010	ng	#	20
54) Dibenzofuran	10.27	168	1257787	42.363	ng		96
55) 4-Nitrophenol	10.18	139	341537	77.880	ng		86
56) 2,4-Dinitrotoluene	10.25	165	312674	45.893	ng	#	97
57) Fluorene	10.62	166	1008251	42.898	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	303004	47.582	ng	#	83
59) Diethylphthalate	10.48	149	1031717	42.115	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	519952	42.455	ng		94
61) 4-Nitroaniline	10.64	138	249736	43.617	ng		94
62) Azobenzene	10.77	77	1038030	41.030	ng		93
64) 4,6-Dinitro-2-methylphenol	10.67	198	119012	44.095	ng		85
65) n-Nitrosodiphenylamine	10.72	169	908814	42.304	ng		97
66) 4-Bromophenyl-phenylether	11.09	248	336124	42.546	ng		90
67) Hexachlorobenzene	11.17	284	356510	42.889	ng	#	91
68) Atrazine	11.25	200	308722	42.846	ng		97
69) Pentachlorophenol	11.37	266	342820	86.165	ng		98
70) Phenanthrene	11.59	178	1461298	42.617	ng		99
71) Anthracene	11.64	178	1491840	42.450	ng		99
72) Carbazole	11.79	167	1320594	42.294	ng		100
73) Di-n-butylphthalate	12.11	149	1558340	44.062	ng		99
74) Fluoranthene	12.78	202	1615338	43.165	ng		96
76) Benzidine	12.90	184	666978	31.166	ng		98
77) Pyrene	13.02	202	1600884	44.146	ng		99
79) Butylbenzylphthalate	13.61	149	688726	47.830	ng		96
80) Benzo(a)anthracene	14.21	228	1420587	43.216	ng		98
81) 3,3'-Dichlorobenzidine	14.16	252	364062	30.904	ng	#	97
82) Chrysene	14.25	228	1310121	43.472	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	874234	44.833	ng		100
84) Di-n-octyl phthalate	14.79	149	1397504	46.993	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	976913	37.412	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1151323m	46.416	ng		
88) Benzo(k)fluoranthene	15.34	252	1103814	48.410	ng	#	97
89) Benzo(a)pyrene	15.71	252	1029204	46.336	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	827886	45.048	ng	#	93
91) Benzo(g,h,i)perylene	17.91	276	804729	44.469	ng	#	91

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

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