Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
Data File : BF112664.D
Acq On : 22 Feb 2019 15:14
Operator : JU/SJ
Sample : PB117293BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117293BS

Manual Integrations APPROVED
Sohil
2/25/2019 9:20:56 AM

Quant Time: Feb 23 00:09:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91756	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	360201	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	175902	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	338770	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	254982	20.00	ng		-0.03
87) Perylene-d12	15.44	264	167535	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	749711	173.55	ng		-0.02
7) Phenol-d6	6.47	99	924871	154.08	ng		-0.02
23) Nitrobenzene-d5	7.39	82	507396	81.17	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	299610	146.33	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1029131	82.75	ng		-0.04
79) Terphenyl-d14	12.92	244	1196981	88.42	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	77865	45.248	ng		93
3) Pyridine	3.44	79	195387	44.635	ng		99
4) n-Nitrosodimethylamine	3.39	42	105623	57.432	ng	#	89
6) Aniline	6.49	93	229946	32.203	ng	#	35
8) 2-Chlorophenol	6.61	128	252672	43.479	ng		96
9) Benzaldehyde	6.37	77	77323	24.645	ng		95
10) Phenol	6.49	94	288668	43.834	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	222119	42.841	ng		99
12) 1,3-Dichlorobenzene	6.76	146	271706	40.147	ng		98
13) 1,4-Dichlorobenzene	6.83	146	281409	40.402	ng		98
14) 1,2-Dichlorobenzene	6.99	146	263884	40.465	ng		96
15) Benzyl Alcohol	6.97	79	211646	41.827	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	259878	39.038	ng	#	4
17) 2-Methylphenol	7.09	107	195245	42.383	ng	#	85
18) Hexachloroethane	7.32	117	102713	41.994	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	171049	41.326	ng		98
20) 3+4-Methylphenols	7.25	107	259709	44.086	ng	#	64
22) Acetophenone	7.23	105	352356	40.173	ng	#	92
24) Nitrobenzene	7.40	77	258412	41.390	ng		99
25) Isophorone	7.64	82	451725	46.061	ng		98
26) 2-Nitrophenol	7.72	139	138219	41.426	ng	#	89
27) 2,4-Dimethylphenol	7.76	122	215930	46.973	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	279911	41.917	ng		99
29) 2,4-Dichlorophenol	7.97	162	213453	41.493	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	232083	39.248	ng		98
31) Naphthalene	8.12	128	743526	44.140	ng		98
32) Benzoic acid	7.93	122	124098	47.327	ng		95
33) 4-Chloroaniline	8.18	127	158960	21.673	ng		98
34) Hexachlorobutadiene	8.23	225	134783	38.843	ng		97
35) Caprolactam	8.56	113	64392m	35.482	ng		
36) 4-Chloro-3-methylphenol	8.67	107	224788	41.277	ng		94
37) 2-Methylnaphthalene	8.81	142	519104	45.016	ng		96
38) 1-Methylnaphthalene	8.91	142	484688	43.852	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	232769	40.303	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	98313	49.083	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	143966	40.439	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	144174	38.749	ng		95
46) 1,1'-Biphenyl	9.27	154	628509	40.871	ng		98
47) 2-Chloronaphthalene	9.30	162	480057	40.256	ng		95
48) 2-Nitroaniline	9.41	65	135016	41.539	ng		95
49) Acenaphthylene	9.72	152	757508	43.339	ng		98
50) Dimethylphthalate	9.57	163	550711	40.296	ng		98
51) 2,6-Dinitrotoluene	9.65	165	126193	41.229	ng	#	67
52) Acenaphthene	9.89	154	440841	42.221	ng		98
53) 3-Nitroaniline	9.82	138	92739	27.967	ng		89
54) 2,4-Dinitrophenol	9.95	184	79641	81.076	ng		94
55) Dibenzofuran	10.06	168	653409	40.951	ng	#	90
56) 4-Nitrophenol	10.02	139	98223	56.027	ng		85
57) 2,4-Dinitrotoluene	10.06	165	165524	42.479	ng	#	71
58) Fluorene	10.40	166	540561	45.272	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.19	232	113057	40.208	ng	#	90
60) Diethylphthalate	10.27	149	574723	42.375	ng		97
61) 4-Chlorophenyl-phenylether	10.39	204	256756	39.530	ng	#	88
62) 4-Nitroaniline	10.44	138	120341	36.999	ng		90
63) Azobenzene	10.55	77	506864	42.493	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	68814	36.230	ng		90
66) n-Nitrosodiphenylamine	10.51	169	467043	40.906	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	155532	39.035	ng		93
68) Hexachlorobenzene	10.96	284	169092	39.555	ng		92
69) Atrazine	11.04	200	149506	40.582	ng		97
70) Pentachlorophenol	11.16	266	89617	53.877	ng		97
71) Phenanthrene	11.36	178	773811	43.936	ng		99
72) Anthracene	11.42	178	792930	45.197	ng		99
73) Carbazole	11.57	167	695279	40.176	ng		98
74) Di-n-butylphthalate	11.89	149	885181	41.209	ng		98
75) Fluoranthene	12.56	202	785536	41.585	ng		97
77) Benzidine	12.67	184	240889	34.325	ng	#	94
78) Pyrene	12.79	202	794734	45.018	ng		99
80) Butylbenzylphthalate	13.37	149	359882	42.135	ng		87
81) Benzo(a)anthracene	13.97	228	644761	43.015	ng		97
82) 3,3'-Dichlorobenzidine	13.92	252	150407	26.812	ng		99
83) Chrysene	14.01	228	594902	41.578	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	476290	39.285	ng	#	94
85) Di-n-octyl phthalate	14.54	149	735067	39.407	ng		98
86) Indeno(1,2,3-cd)pyrene	16.93	276	422674	37.282	ng		95
88) Benzo(b)fluoranthene	15.02	252	506086	50.511	ng		97
89) Benzo(k)fluoranthene	15.05	252	476888	49.691	ng		97
90) Benzo(a)pyrene	15.39	252	442610	49.095	ng		98
91) Dibenzo(a,h)anthracene	16.93	278	353531	48.656	ng		98
92) Benzo(g,h,i)perylene	17.38	276	345045	50.335	ng		94

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

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