Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115330.D
Acq On : 1 Jul 2019 11:00
Operator : HP/JU
Sample : PB121041BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121041BS

Manual Integrations APPROVED
mohammad
7/2/2019 2:53:25 PM

Quant Time: Jul 02 08:32:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	250787	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	943741	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	457478	20.00	ng		0.01
64) Phenanthrene-d10	11.11	188	895883	20.00	ng		0.02
76) Chrysene-d12	13.74	240	584327	20.00	ng		0.02
87) Perylene-d12	15.11	264	746583	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1873744	115.30	ng		0.03
7) Phenol-d6	6.26	99	2299462	116.57	ng		0.02
23) Nitrobenzene-d5	7.17	82	1441011	93.93	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	663786	137.59	ng		0.02
45) 2-Fluorobiphenyl	8.97	172	2552819	94.79	ng		0.00
79) Terphenyl-d14	12.69	244	2793539	101.65	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	264171	34.443	ng		99
3) Pyridine	2.93	79	755421	34.945	ng		98
4) n-Nitrosodimethylamine	2.87	42	321510	37.938	ng		95
6) Aniline	6.27	93	660127	24.350	ng	#	4
8) 2-Chlorophenol	6.40	128	765743	41.904	ng		99
9) Benzaldehyde	6.14	77	130719	10.158	ng		98
10) Phenol	6.27	94	886820	38.381	ng		99
11) bis(2-Chloroethyl)ether	6.35	93	696275	40.880	ng		99
12) 1,3-Dichlorobenzene	6.55	146	829349	40.894	ng		99
13) 1,4-Dichlorobenzene	6.62	146	838389	41.225	ng		100
14) 1,2-Dichlorobenzene	6.78	146	776442	41.227	ng		99
15) Benzyl Alcohol	6.75	79	569938	39.680	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	967263	39.156	ng		97
17) 2-Methylphenol	6.88	107	650724	43.141	ng		97
18) Hexachloroethane	7.12	117	295164	40.258	ng		100
19) n-Nitroso-di-n-propylamine	7.04	70	478079	37.857	ng		98
20) 3+4-Methylphenols	7.03	107	745175	42.785	ng	#	77
22) Acetophenone	7.02	105	1013392	46.905	ng	#	95
24) Nitrobenzene	7.19	77	768290	45.457	ng		100
25) Isophorone	7.44	82	1374459	43.734	ng		99
26) 2-Nitrophenol	7.51	139	434627	52.072	ng		100
27) 2,4-Dimethylphenol	7.55	122	691793	50.622	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	859086	43.249	ng		99
29) 2,4-Dichlorophenol	7.75	162	659179	46.740	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	719307	46.174	ng		99
31) Naphthalene	7.91	128	2137436	46.139	ng		100
32) Benzoic acid	7.70	122	490616	50.294	ng		99
33) 4-Chloroaniline	7.96	127	395241	18.668	ng		99
34) Hexachlorobutadiene	8.04	225	384043	44.987	ng		98
35) Caprolactam	8.34	113	224739m	47.397	ng		
36) 4-Chloro-3-methylphenol	8.45	107	675164	47.272	ng		98
37) 2-Methylnaphthalene	8.60	142	1445054	46.263	ng		99
38) 1-Methylnaphthalene	8.70	142	1357522	45.506	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	641450	49.619	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	629126	82.072	ng		100
43) 2,4,6-Trichlorophenol	8.88	196	472452	47.338	ng		98
44) 2,4,5-Trichlorophenol	8.92	196	508940	49.517	ng		98
46) 1,1'-Biphenyl	9.07	154	1668234	45.574	ng		98
47) 2-Chloronaphthalene	9.09	162	1345043	45.300	ng		99
48) 2-Nitroaniline	9.18	65	409825	47.343	ng		90
49) Acenaphthylene	9.50	152	2101256	45.421	ng		100
50) Dimethylphthalate	9.37	163	1567991	46.586	ng		100
51) 2,6-Dinitrotoluene	9.43	165	373591	48.078	ng		88
52) Acenaphthene	9.67	154	1220164	42.150	ng		99
53) 3-Nitroaniline	9.59	138	255878	26.984	ng		97
54) 2,4-Dinitrophenol	9.71	184	407333	99.865	ng		97
55) Dibenzofuran	9.84	168	1812931	43.634	ng		98
56) 4-Nitrophenol	9.77	139	703871	92.588	ng		97
57) 2,4-Dinitrotoluene	9.83	165	490440	48.881	ng	#	92
58) Fluorene	10.18	166	1309349	47.733	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	433197	50.265	ng		98
60) Diethylphthalate	10.07	149	1477339	43.666	ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	630549	48.495	ng		97
62) 4-Nitroaniline	10.20	138	425072	44.684	ng		98
63) Azobenzene	10.34	77	1370029	43.354	ng		97
65) 4,6-Dinitro-2-methylphenol	10.24	198	245713	51.180	ng		94
66) n-Nitrosodiphenylamine	10.30	169	1296638	46.456	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	446113	45.929	ng		93
68) Hexachlorobenzene	10.73	284	491617	46.629	ng		94
69) Atrazine	10.83	200	419604	46.734	ng		99
70) Pentachlorophenol	10.92	266	600864	89.458	ng		98
71) Phenanthrene	11.14	178	2121492	43.982	ng		100
72) Anthracene	11.19	178	2174722	44.664	ng		99
73) Carbazole	11.34	167	1998508	45.965	ng		98
74) Di-n-butylphthalate	11.68	149	2221033	44.206	ng		99
75) Fluoranthene	12.32	202	2224881	46.230	ng		98
77) Benzidine	12.44	184	681526	26.267	ng		99
78) Pyrene	12.54	202	2249590	50.096	ng		98
80) Butylbenzylphthalate	13.17	149	1037161	52.336	ng		96
81) Benzo(a)anthracene	13.72	228	2038240	48.614	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	603208	39.840	ng		99
83) Chrysene	13.77	228	1995496	51.957	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1231342	47.419	ng		100
85) Di-n-octyl phthalate	14.35	149	2246871	51.499	ng		99
86) Indeno(1,2,3-cd)pyrene	16.41	276	2403262	52.882	ng		98
88) Benzo(b)fluoranthene	14.74	252	2300134	49.375	ng		99
89) Benzo(k)fluoranthene	14.77	252	1880939	45.024	ng		100
90) Benzo(a)pyrene	15.07	252	2083320	49.618	ng		98
91) Dibenzo(a,h)anthracene	16.42	278	1966768	50.175	ng		97
92) Benzo(g,h,i)perylene	16.79	276	2054129	51.777	ng		99

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

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