Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115706.D
Acq On : 22 Jul 2019 13:46
Operator : HP/JU
Sample : PB121584BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121584BS

Manual Integrations APPROVED
mohammad
7/23/2019 4:24:25 PM

Quant Time: Jul 23 01:56:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	179463	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	742994	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	380194	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	726548	20.00	ng		0.00
76) Chrysene-d12	14.04	240	501279	20.00	ng		0.00
87) Perylene-d12	15.52	264	366850	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1222629	111.44	ng		0.01
7) Phenol-d6	6.52	99	1595433	114.60	ng		0.00
23) Nitrobenzene-d5	7.44	82	999306	78.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	475620	107.18	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1811760	83.41	ng		-0.01
79) Terphenyl-d14	12.99	244	2001435	73.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	203219	37.132	ng		98
3) Pyridine	3.50	79	455668	30.688	ng		99
4) n-Nitrosodimethylamine	3.45	42	211104	39.190	ng		89
6) Aniline	6.54	93	483183	24.940	ng		97
8) 2-Chlorophenol	6.67	128	496444	39.356	ng		100
9) Benzaldehyde	6.43	77	207900	23.897	ng		100
10) Phenol	6.53	94	619820	38.352	ng		88
11) bis(2-Chloroethyl)ether	6.62	93	476659	38.739	ng		99
12) 1,3-Dichlorobenzene	6.82	146	516314	36.405	ng		98
13) 1,4-Dichlorobenzene	6.90	146	521234	36.835	ng		97
14) 1,2-Dichlorobenzene	7.05	146	487451	37.683	ng		97
15) Benzyl Alcohol	7.02	79	405430	36.711	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	644632	39.794	ng		99
17) 2-Methylphenol	7.13	107	454054	41.768	ng		98
18) Hexachloroethane	7.39	117	190358	36.243	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	344692	37.964	ng		96
20) 3+4-Methylphenols	7.29	107	508872	39.409	ng	#	89
22) Acetophenone	7.29	105	676256	40.289	ng	#	99
24) Nitrobenzene	7.46	77	552083	40.058	ng		94
25) Isophorone	7.70	82	1005439	39.323	ng		98
26) 2-Nitrophenol	7.77	139	281806	39.725	ng		96
27) 2,4-Dimethylphenol	7.82	122	467290	44.025	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	622955	39.714	ng		98
29) 2,4-Dichlorophenol	8.02	162	443381	40.166	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	474297	38.011	ng		99
31) Naphthalene	8.19	128	1439215	39.997	ng		98
32) Benzoic acid	7.95	122	324979	37.308	ng		97
33) 4-Chloroaniline	8.23	127	392366	24.617	ng		99
34) Hexachlorobutadiene	8.30	225	266274	37.212	ng		99
35) Caprolactam	8.60	113	140145m	41.085	ng		
36) 4-Chloro-3-methylphenol	8.72	107	463622	40.489	ng		99
37) 2-Methylnaphthalene	8.87	142	979727	41.075	ng		98
38) 1-Methylnaphthalene	8.97	142	922233	40.706	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	447646	39.099	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	310591	47.557	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	303350	36.231	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	341009	39.771	ng		98
46) 1,1'-Biphenyl	9.34	154	1193330	40.148	ng		98
47) 2-Chloronaphthalene	9.37	162	943950	38.141	ng		96
48) 2-Nitroaniline	9.46	65	291573	38.063	ng		98
49) Acenaphthylene	9.78	152	1417756	38.660	ng		99
50) Dimethylphthalate	9.64	163	1114199	38.952	ng		99
51) 2,6-Dinitrotoluene	9.70	165	253865	39.053	ng		95
52) Acenaphthene	9.96	154	867010	36.620	ng		99
53) 3-Nitroaniline	9.87	138	199744	26.889	ng		100
54) 2,4-Dinitrophenol	9.98	184	250399	75.025	ng		99
55) Dibenzofuran	10.13	168	1283369	38.169	ng		99
56) 4-Nitrophenol	10.04	139	403708	71.267	ng		93
57) 2,4-Dinitrotoluene	10.10	165	335347	39.819	ng		97
58) Fluorene	10.47	166	965710	40.177	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	288249	40.215	ng		99
60) Diethylphthalate	10.34	149	1074686	40.098	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	497867	37.351	ng		97
62) 4-Nitroaniline	10.49	138	256387	35.981	ng		98
63) Azobenzene	10.62	77	1066946	41.042	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	167033	37.629	ng		92
66) n-Nitrosodiphenylamine	10.57	169	890355	39.396	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	313203	37.723	ng		99
68) Hexachlorobenzene	11.02	284	355223	37.464	ng	#	94
69) Atrazine	11.10	200	242672	32.731	ng		99
70) Pentachlorophenol	11.22	266	396132	68.308	ng		99
71) Phenanthrene	11.43	178	1450652	38.952	ng		98
72) Anthracene	11.48	178	1482750	38.525	ng		99
73) Carbazole	11.63	167	1325646	39.277	ng		100
74) Di-n-butylphthalate	11.96	149	1666037	40.074	ng		99
75) Fluoranthene	12.62	202	1520075	38.625	ng		100
77) Benzidine	12.73	184	295546	16.643	ng		98
78) Pyrene	12.85	202	1549280	36.479	ng		98
80) Butylbenzylphthalate	13.46	149	710348	39.235	ng		95
81) Benzo(a)anthracene	14.03	228	1273147	38.552	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	393842	33.547	ng		98
83) Chrysene	14.07	228	1265261	38.166	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	971829	43.335	ng		99
85) Di-n-octyl phthalate	14.63	149	1565761	43.881	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1103319	39.173	ng		100
88) Benzo(b)fluoranthene	15.09	252	1199632	50.784	ng		98
89) Benzo(k)fluoranthene	15.12	252	1084355	51.488	ng		98
90) Benzo(a)pyrene	15.46	252	1057946	52.108	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	939260	52.696	ng		99
92) Benzo(g,h,i)perylene	17.45	276	909242	51.149	ng		99

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

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