Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115402.D
Acq On : 8 Jul 2019 13:15
Operator : HP/JU
Sample : PB121089BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121089BS

Manual Integrations APPROVED
mohammad
7/10/2019 9:04:18 AM

Quant Time: Jul 09 08:27:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 14:37:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178433	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	713356	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	356663	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	683780	20.00	ng		0.00
76) Chrysene-d12	14.06	240	483332	20.00	ng		-0.01
87) Perylene-d12	15.55	264	461455	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1409860	122.08	ng		0.01
7) Phenol-d6	6.53	99	1776578	120.96	ng		0.00
23) Nitrobenzene-d5	7.46	82	1074567	89.00	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	512941	130.07	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1929171	94.91	ng		0.00
79) Terphenyl-d14	13.00	244	2037263	86.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	238505	42.104	ng		99
3) Pyridine	3.57	79	613617	39.174	ng		99
4) n-Nitrosodimethylamine	3.52	42	258761	40.738	ng		98
6) Aniline	6.56	93	641017	30.927	ng		100
8) 2-Chlorophenol	6.69	128	562935	43.168	ng		99
9) Benzaldehyde	6.45	77	316572	36.896	ng		96
10) Phenol	6.54	94	723166	41.151	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	547865	42.024	ng		98
12) 1,3-Dichlorobenzene	6.84	146	595382	41.673	ng		98
13) 1,4-Dichlorobenzene	6.92	146	608872	42.547	ng		98
14) 1,2-Dichlorobenzene	7.07	146	565830	42.706	ng		100
15) Benzyl Alcohol	7.03	79	508391	43.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	750243	41.157	ng		99
17) 2-Methylphenol	7.15	107	480837	43.040	ng		99
18) Hexachloroethane	7.42	117	227313	42.639	ng		96
19) n-Nitroso-di-n-propylamine	7.31	70	403475	40.604	ng		99
20) 3+4-Methylphenols	7.30	107	580737	44.007	ng		96
22) Acetophenone	7.30	105	781194	45.701	ng	#	97
24) Nitrobenzene	7.47	77	620459	45.503	ng		100
25) Isophorone	7.72	82	1141044	43.601	ng		100
26) 2-Nitrophenol	7.79	139	298502	53.248	ng		95
27) 2,4-Dimethylphenol	7.83	122	547191	51.190	ng		97
28) bis(2-Chloroethoxy)methane	7.93	93	702886	43.556	ng		99
29) 2,4-Dichlorophenol	8.03	162	488894	45.919	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	526459	44.417	ng		99
31) Naphthalene	8.20	128	1624111	45.837	ng		98
32) Benzoic acid	7.96	122	373861	48.008	ng		98
33) 4-Chloroaniline	8.24	127	387961	24.540	ng		99
34) Hexachlorobutadiene	8.32	225	297008	44.186	ng		98
35) Caprolactam	8.62	113	157581m	45.444	ng		
36) 4-Chloro-3-methylphenol	8.73	107	506630	44.987	ng		98
37) 2-Methylnaphthalene	8.89	142	1099788	46.437	ng		99
38) 1-Methylnaphthalene	8.99	142	1034271	45.771	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	477812	46.567	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 14:37:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	558527	93.917	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	355730	47.621	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	349136	45.074	ng	99
46) 1,1'-Biphenyl	9.36	154	1321691	47.137	ng	99
47) 2-Chloronaphthalene	9.38	162	1041372	44.937	ng	99
48) 2-Nitroaniline	9.47	65	320854	47.126	ng	94
49) Acenaphthylene	9.80	152	1589909	45.315	ng	99
50) Dimethylphthalate	9.66	163	1181234	44.125	ng	100
51) 2,6-Dinitrotoluene	9.72	165	270918	46.663	ng	86
52) Acenaphthene	9.97	154	1102388	49.924	ng	99
53) 3-Nitroaniline	9.88	138	201121	29.826	ng	94
54) 2,4-Dinitrophenol	9.99	184	259175	100.639	ng	93
55) Dibenzofuran	10.15	168	1428183	45.914	ng	97
56) 4-Nitrophenol	10.04	139	492069	94.319	ng	97
57) 2,4-Dinitrotoluene	10.12	165	362528	49.134	ng	90
58) Fluorene	10.49	166	1043850	42.571	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	312508	46.703	ng	100
60) Diethylphthalate	10.36	149	1153947	43.794	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	535065	44.709	ng	98
62) 4-Nitroaniline	10.50	138	287035	43.366	ng	97
63) Azobenzene	10.63	77	1184183	43.598	ng	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	172082	51.818	ng	88
66) n-Nitrosodiphenylamine	10.59	169	979970	45.485	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	338128	44.070	ng	94
68) Hexachlorobenzene	11.03	284	379911	44.127	ng	94
69) Atrazine	11.12	200	321068	48.153	ng	99
70) Pentachlorophenol	11.23	266	458777	87.438	ng	98
71) Phenanthrene	11.45	178	1583418	44.031	ng	99
72) Anthracene	11.50	178	1645052	45.618	ng	99
73) Carbazole	11.65	167	1447220	43.868	ng	100
74) Di-n-butylphthalate	11.98	149	1736274	43.547	ng	100
75) Fluoranthene	12.63	202	1657780	43.782	ng	99
77) Benzidine	12.74	184	816994	43.346	ng	99
78) Pyrene	12.86	202	1687739	44.903	ng	99
80) Butylbenzylphthalate	13.47	149	749247	45.624	ng	99
81) Benzo(a)anthracene	14.05	228	1388179	44.825	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	407900	36.299	ng	99
83) Chrysene	14.09	228	1408993	44.281	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	936831	46.064	ng	99
85) Di-n-octyl phthalate	14.67	149	1687265	46.603	ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	1207037	46.514	ng	100
88) Benzo(b)fluoranthene	15.12	252	1333017	44.368	ng	99
89) Benzo(k)fluoranthene	15.15	252	1240423	46.423	ng	99
90) Benzo(a)pyrene	15.49	252	1198543	46.251	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	1009094	45.569	ng	98
92) Benzo(g,h,i)perylene	17.49	276	982804	46.890	ng	98

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

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