Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
Data File : BF115722.D
Acq On : 23 Jul 2019 16:36
Operator : HP/JU
Sample : PB121645BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121645BS

Manual Integrations APPROVED
mohammad
7/24/2019 11:34:54 AM

Quant Time: Jul 24 05:29:38 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	6.87	152	175846	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	725250	20.00	ng		-0.01
39) Acenaphthene-d10	9.91	164	365949	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	693546	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	490108	20.00	ng		-0.01
87) Perylene-d12	15.50	264	344156	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1198932	111.52	ng		0.00
7) Phenol-d6	6.51	99	1562624	114.55	ng		0.00
23) Nitrobenzene-d5	7.43	82	977987	78.41	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	461629	108.07	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	1738223	83.14	ng		-0.02
79) Terphenyl-d14	12.98	244	1912992	72.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	199342	37.173	ng		97
3) Pyridine	3.49	79	438825	30.162	ng		98
4) n-Nitrosodimethylamine	3.43	42	211626	40.095	ng		91
6) Aniline	6.53	93	473772	24.957	ng		98
8) 2-Chlorophenol	6.66	128	487044	39.405	ng		99
9) Benzaldehyde	6.42	77	176723	20.731	ng		97
10) Phenol	6.52	94	607426	38.359	ng		88
11) bis(2-Chloroethyl)ether	6.61	93	468144	38.830	ng		99
12) 1,3-Dichlorobenzene	6.82	146	506656	36.459	ng		99
13) 1,4-Dichlorobenzene	6.89	146	515198	37.157	ng		96
14) 1,2-Dichlorobenzene	7.05	146	477110	37.642	ng		97
15) Benzyl Alcohol	7.02	79	407918	37.696	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	629062	39.632	ng		100
17) 2-Methylphenol	7.13	107	434253	40.768	ng		98
18) Hexachloroethane	7.39	117	187945	36.520	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	336780	37.855	ng		97
20) 3+4-Methylphenols	7.28	107	496326	39.228	ng		90
22) Acetophenone	7.28	105	667556	40.743	ng	#	99
24) Nitrobenzene	7.45	77	537921	39.985	ng		95
25) Isophorone	7.69	82	990657	39.693	ng		98
26) 2-Nitrophenol	7.77	139	276548	39.938	ng		97
27) 2,4-Dimethylphenol	7.81	122	449572	43.392	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	607345	39.666	ng		98
29) 2,4-Dichlorophenol	8.02	162	431744	40.069	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	461612	37.900	ng		97
31) Naphthalene	8.18	128	1418523	40.386	ng		97
32) Benzoic acid	7.94	122	314885	37.034	ng		99
33) 4-Chloroaniline	8.22	127	389555	25.039	ng		99
34) Hexachlorobutadiene	8.30	225	260490	37.295	ng		99
35) Caprolactam	8.59	113	133868m	40.205	ng		
36) 4-Chloro-3-methylphenol	8.71	107	448079	40.089	ng		98
37) 2-Methylnaphthalene	8.87	142	958006	41.147	ng		97
38) 1-Methylnaphthalene	8.97	142	896692	40.547	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	439601	39.891	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	291585	46.385	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	298970	37.098	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	320421	38.824	ng	98
46) 1,1'-Biphenyl	9.33	154	1155510	40.389	ng	98
47) 2-Chloronaphthalene	9.36	162	912872	38.321	ng	97
48) 2-Nitroaniline	9.45	65	282276	38.284	ng	99
49) Acenaphthylene	9.77	152	1370350	38.822	ng	98
50) Dimethylphthalate	9.63	163	1063147	38.614	ng	99
51) 2,6-Dinitrotoluene	9.69	165	242301	38.725	ng	97
52) Acenaphthene	9.95	154	834584	36.622	ng	99
53) 3-Nitroaniline	9.86	138	192625	26.940	ng	95
54) 2,4-Dinitrophenol	9.97	184	247713	77.110	ng	99
55) Dibenzofuran	10.12	168	1239570	38.302	ng	98
56) 4-Nitrophenol	10.03	139	394754	72.399	ng	95
57) 2,4-Dinitrotoluene	10.10	165	324959	40.087	ng	98
58) Fluorene	10.46	166	927398	40.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	283144	41.040	ng	98
60) Diethylphthalate	10.33	149	1017017	39.424	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	478687	37.310	ng	98
62) 4-Nitroaniline	10.47	138	246989	36.011	ng	93
63) Azobenzene	10.61	77	1039090	41.527	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	161387	38.087	ng	93
66) n-Nitrosodiphenylamine	10.57	169	856286	39.691	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	301153	37.998	ng	99
68) Hexachlorobenzene	11.02	284	337577	37.297	ng	95
69) Atrazine	11.09	200	227269	32.112	ng	98
70) Pentachlorophenol	11.21	266	381097	68.842	ng	98
71) Phenanthrene	11.42	178	1389388	39.082	ng	99
72) Anthracene	11.47	178	1414934	38.512	ng	100
73) Carbazole	11.63	167	1276984	39.635	ng	99
74) Di-n-butylphthalate	11.96	149	1576515	39.725	ng	100
75) Fluoranthene	12.61	202	1481078	39.424	ng	98
77) Benzidine	12.72	184	269705	15.534	ng	100
78) Pyrene	12.84	202	1509200	36.345	ng	99
80) Butylbenzylphthalate	13.45	149	687035	38.812	ng	99
81) Benzo(a)anthracene	14.03	228	1260794	39.048	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	385190	33.558	ng	97
83) Chrysene	14.06	228	1240110	38.259	ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	955814	43.592	ng	98
85) Di-n-octyl phthalate	14.62	149	1513464	43.382	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1044114	37.916	ng	99
88) Benzo(b)fluoranthene	15.07	252	1201376	54.212	ng	100
89) Benzo(k)fluoranthene	15.11	252	1026514	51.955	ng	98
90) Benzo(a)pyrene	15.44	252	1011208	53.090	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	887153	53.055	ng	99
92) Benzo(g,h,i)perylene	17.43	276	879056	52.712	ng	100

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

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