Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115228.D
Acq On : 27 Jun 2019 11:06
Operator : HP/JU
Sample : PB120942BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120942BS

Manual Integrations APPROVED
mohammad
6/28/2019 2:58:08 PM

Quant Time: Jun 27 11:49:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 11:43:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	267365	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	1076808	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	517849	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	993462	20.00	ng		0.00
76) Chrysene-d12	13.72	240	767100	20.00	ng		0.00
87) Perylene-d12	15.09	264	711814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1201903	69.37	ng		0.01
7) Phenol-d6	6.24	99	1470576	69.93	ng		0.00
23) Nitrobenzene-d5	7.16	82	1250182	71.42	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	430943	78.91	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2361954	77.48	ng		0.00
79) Terphenyl-d14	12.68	244	2478181	68.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	283398	34.659	ng		99
3) Pyridine	2.88	79	701251	30.428	ng		99
4) n-Nitrosodimethylamine	2.83	42	289791	32.075	ng		98
6) Aniline	6.25	93	612041	21.177	ng	#	6
8) 2-Chlorophenol	6.38	128	743094	38.143	ng		99
9) Benzaldehyde	6.14	77	5723	0.417	ng		96
10) Phenol	6.25	94	849299	34.478	ng		92
11) bis(2-Chloroethyl)ether	6.34	93	685979	37.779	ng		96
12) 1,3-Dichlorobenzene	6.54	146	788753	36.481	ng		99
13) 1,4-Dichlorobenzene	6.61	146	808429	37.287	ng		97
14) 1,2-Dichlorobenzene	6.77	146	759792	37.842	ng		99
15) Benzyl Alcohol	6.75	79	553984	36.178	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	961702	36.517	ng		99
17) 2-Methylphenol	6.87	107	615764	38.292	ng		99
18) Hexachloroethane	7.11	117	289859	37.083	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	472360	35.085	ng		100
20) 3+4-Methylphenols	7.02	107	707477	38.102	ng		97
22) Acetophenone	7.01	105	985197	39.965	ng		97
24) Nitrobenzene	7.18	77	748297	38.803	ng		94
25) Isophorone	7.42	82	1371160	38.237	ng		100
26) 2-Nitrophenol	7.50	139	417485	43.837	ng	#	89
27) 2,4-Dimethylphenol	7.55	122	677865	43.473	ng		100
28) bis(2-Chloroethoxy)methane	7.64	93	858305	37.870	ng		100
29) 2,4-Dichlorophenol	7.74	162	637815	39.636	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	704156	39.616	ng		99
31) Naphthalene	7.90	128	2092895	39.595	ng		100
32) Benzoic acid	7.68	122	549051	49.329	ng		98
33) 4-Chloroaniline	7.95	127	551067	22.812	ng		97
34) Hexachlorobutadiene	8.03	225	385569	39.584	ng		99
35) Caprolactam	8.32	113	195755m	36.183	ng		
36) 4-Chloro-3-methylphenol	8.44	107	637011	39.089	ng		99
37) 2-Methylnaphthalene	8.60	142	1431291	40.160	ng		99
38) 1-Methylnaphthalene	8.69	142	1366929	40.159	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	609321	41.639	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	645865	74.433	ng		99
43) 2,4,6-Trichlorophenol	8.87	196	471359	41.722	ng		97
44) 2,4,5-Trichlorophenol	8.92	196	486112	41.782	ng		97
46) 1,1'-Biphenyl	9.06	154	1667248	40.237	ng		99
47) 2-Chloronaphthalene	9.08	162	1331407	39.613	ng		98
48) 2-Nitroaniline	9.17	65	378632	38.641	ng		98
49) Acenaphthylene	9.49	152	2041495	38.985	ng		99
50) Dimethylphthalate	9.37	163	1519291	39.877	ng		99
51) 2,6-Dinitrotoluene	9.42	165	363182	41.290	ng	#	86
52) Acenaphthene	9.66	154	1262278	38.522	ng		99
53) 3-Nitroaniline	9.58	138	278716	25.966	ng		97
54) 2,4-Dinitrophenol	9.69	184	428143	93.254	ng		97
55) Dibenzofuran	9.83	168	1821547	38.731	ng		99
56) 4-Nitrophenol	9.75	139	656091	76.242	ng		99
57) 2,4-Dinitrotoluene	9.82	165	468956	41.291	ng		96
58) Fluorene	10.17	166	1267459	39.701	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.95	232	423370	43.397	ng		100
60) Diethylphthalate	10.06	149	1500342	39.176	ng		98
61) 4-Chlorophenyl-phenylether	10.17	204	630267	41.884	ng		98
62) 4-Nitroaniline	10.19	138	373006	34.639	ng		94
63) Azobenzene	10.33	77	1360878	38.044	ng		96
65) 4,6-Dinitro-2-methylphenol	10.22	198	248696	47.146	ng		93
66) n-Nitrosodiphenylamine	10.29	169	1248153	40.327	ng		100
67) 4-Bromophenyl-phenylether	10.65	248	437160	40.586	ng		98
68) Hexachlorobenzene	10.72	284	480539	41.102	ng		98
69) Atrazine	10.82	200	336665	33.814	ng		98
70) Pentachlorophenol	10.91	266	582463	78.201	ng		99
71) Phenanthrene	11.12	178	2012620	37.626	ng		100
72) Anthracene	11.18	178	2062164	38.193	ng		100
73) Carbazole	11.33	167	1870252	38.790	ng		99
74) Di-n-butylphthalate	11.68	149	2237088	40.153	ng		100
75) Fluoranthene	12.30	202	2065759	38.707	ng		99
77) Benzidine	12.42	184	480743	14.114	ng		98
78) Pyrene	12.52	202	2082365	35.323	ng		99
80) Butylbenzylphthalate	13.16	149	990960	38.090	ng		100
81) Benzo(a)anthracene	13.71	228	1889496	34.328	ng		99
82) 3,3'-Dichlorobenzidine	13.68	252	613000	30.840	ng		98
83) Chrysene	13.75	228	1794657	35.594	ng		100
84) Bis(2-ethylhexyl)phthalate	13.73	149	1299745	38.128	ng		99
85) Di-n-octyl phthalate	14.34	149	2218030	38.725	ng		100
86) Indeno(1,2,3-cd)pyrene	16.36	276	2247683	37.674	ng		99
88) Benzo(b)fluoranthene	14.72	252	2167914	48.810	ng		99
89) Benzo(k)fluoranthene	14.75	252	1667110	41.855	ng		100
90) Benzo(a)pyrene	15.04	252	1877156	46.891	ng		99
91) Dibenzo(a,h)anthracene	16.38	278	1858096	49.718	ng		99
92) Benzo(g,h,i)perylene	16.74	276	1920478	50.772	ng		100

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

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