Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115233.D
Acq On : 27 Jun 2019 13:50
Operator : HP/JU
Sample : PB120902BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120902BS

Manual Integrations APPROVED
mohammad
6/28/2019 2:58:13 PM

Quant Time: Jun 28 05:23:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	247365	20.00	ng		-0.02
21) Naphthalene-d8	7.88	136	946287	20.00	ng		-0.02
39) Acenaphthene-d10	9.62	164	459707	20.00	ng		-0.02
64) Phenanthrene-d10	11.10	188	884891	20.00	ng		-0.02
76) Chrysene-d12	13.71	240	633495	20.00	ng		-0.04
87) Perylene-d12	15.07	264	772443	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1863446	116.25	ng		0.00
7) Phenol-d6	6.24	99	2269796	116.66	ng		-0.01
23) Nitrobenzene-d5	7.16	82	1419284	92.26	ng		-0.02
42) 2,4,6-Tribromophenol	10.41	330	652494	134.60	ng		-0.02
45) 2-Fluorobiphenyl	8.96	172	2582760	95.43	ng		-0.02
79) Terphenyl-d14	12.68	244	2769548	92.95	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	248154	32.802	ng		99
3) Pyridine	2.86	79	710982	33.344	ng		98
4) n-Nitrosodimethylamine	2.81	42	307465	36.783	ng		96
6) Aniline	6.26	93	674757	25.234	ng	#	19
8) 2-Chlorophenol	6.38	128	756832	41.989	ng		100
9) Benzaldehyde	6.14	77	147159	11.593	ng		94
10) Phenol	6.26	94	864967	37.953	ng		93
11) bis(2-Chloroethyl)ether	6.34	93	688254	40.968	ng		100
12) 1,3-Dichlorobenzene	6.54	146	815385	40.761	ng		98
13) 1,4-Dichlorobenzene	6.61	146	832100	41.482	ng		98
14) 1,2-Dichlorobenzene	6.77	146	770698	41.488	ng		97
15) Benzyl Alcohol	6.75	79	567350	40.046	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	986730	40.496	ng		98
17) 2-Methylphenol	6.87	107	610779	41.053	ng		98
18) Hexachloroethane	7.11	117	293265	40.552	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	488640	39.229	ng		99
20) 3+4-Methylphenols	7.02	107	725546	42.234	ng	#	84
22) Acetophenone	7.01	105	1001144	46.213	ng	#	98
24) Nitrobenzene	7.18	77	759305	44.804	ng		98
25) Isophorone	7.42	82	1400750	44.451	ng		100
26) 2-Nitrophenol	7.50	139	426122	50.916	ng		98
27) 2,4-Dimethylphenol	7.55	122	697096	50.872	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	884628	44.415	ng		99
29) 2,4-Dichlorophenol	7.74	162	659318	46.624	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	724484	46.382	ng		100
31) Naphthalene	7.90	128	2126623	45.782	ng		100
32) Benzoic acid	7.68	122	544531	55.671	ng		99
33) 4-Chloroaniline	7.95	127	340820	16.054	ng		99
34) Hexachlorobutadiene	8.03	225	398768	46.586	ng		98
35) Caprolactam	8.32	113	211025m	44.385	ng		
36) 4-Chloro-3-methylphenol	8.44	107	653814	45.654	ng		97
37) 2-Methylnaphthalene	8.59	142	1454662	46.446	ng		99
38) 1-Methylnaphthalene	8.69	142	1380733	46.159	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	605576	46.617	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	805748	104.603 ng	99
43) 2,4,6-Trichlorophenol	8.87	196	476173	47.479 ng	99
44) 2,4,5-Trichlorophenol	8.91	196	510487	49.427 ng	99
46) 1,1'-Biphenyl	9.05	154	1699435	46.202 ng	99
47) 2-Chloronaphthalene	9.08	162	1357631	45.502 ng	99
48) 2-Nitroaniline	9.17	65	385558	44.324 ng	89
49) Acenaphthylene	9.49	152	2089033	44.938 ng	99
50) Dimethylphthalate	9.37	163	1560500	46.139 ng	99
51) 2,6-Dinitrotoluene	9.41	165	371987	47.640 ng	99
52) Acenaphthene	9.66	154	1299586	44.676 ng	99
53) 3-Nitroaniline	9.58	138	245505	25.765 ng	95
54) 2,4-Dinitrophenol	9.68	184	428081	104.106 ng	93
55) Dibenzofuran	9.83	168	1859973	44.550 ng	98
56) 4-Nitrophenol	9.75	139	670606	87.785 ng	97
57) 2,4-Dinitrotoluene	9.81	165	489406	48.541 ng	91
58) Fluorene	10.17	166	1288879	46.602 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	430079	49.661 ng	98
60) Diethylphthalate	10.06	149	1549247	45.569 ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	635082	48.625 ng	96
62) 4-Nitroaniline	10.19	138	402787	42.136 ng	98
63) Azobenzene	10.32	77	1420479	44.732 ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	250206	52.610 ng	88
66) n-Nitrosodiphenylamine	10.29	169	1288516	46.739 ng	99
67) 4-Bromophenyl-phenylether	10.65	248	452599	47.175 ng	95
68) Hexachlorobenzene	10.71	284	490283	47.080 ng	94
69) Atrazine	10.82	200	421189	47.494 ng	100
70) Pentachlorophenol	10.91	266	603644	90.988 ng	97
71) Phenanthrene	11.12	178	2085808	43.779 ng	100
72) Anthracene	11.17	178	2170008	45.121 ng	98
73) Carbazole	11.32	167	1954868	45.520 ng	99
74) Di-n-butylphthalate	11.68	149	2326398	46.879 ng	99
75) Fluoranthene	12.30	202	2158995	45.418 ng	98
77) Benzidine	12.42	184	749150	26.632 ng	99
78) Pyrene	12.52	202	2206046	45.313 ng	98
80) Butylbenzylphthalate	13.16	149	1043307	48.560 ng	95
81) Benzo(a)anthracene	13.71	228	2069675	45.532 ng	100
82) 3,3'-Dichlorobenzidine	13.67	252	501862	30.574 ng	100
83) Chrysene	13.74	228	1901094	45.658 ng	99
84) Bis(2-ethylhexyl)phthalate	13.72	149	1411614	50.142 ng	100
85) Di-n-octyl phthalate	14.34	149	2408958	50.929 ng	99
86) Indeno(1,2,3-cd)pyrene	16.34	276	2510455	50.953 ng	99
88) Benzo(b)fluoranthene	14.71	252	2260276	46.895 ng	99
89) Benzo(k)fluoranthene	14.73	252	1892072	43.774 ng	99
90) Benzo(a)pyrene	15.02	252	2061865	47.463 ng	98
91) Dibenzo(a,h)anthracene	16.36	278	2044189	50.404 ng	99
92) Benzo(g,h,i)perylene	16.72	276	2140547	52.149 ng	98

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

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