Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115029.D
Acq On : 14 Jun 2019 10:31
Operator : HP/JU
Sample : PB120585BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120585BS

Quant Time: Jun 15 05:07:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	270602	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1052382	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	511181	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1021423	20.00	ng		0.00
76) Chrysene-d12	13.78	240	636279	20.00	ng		0.00
87) Perylene-d12	15.15	264	700617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1991177	122.87	ng		0.02
7) Phenol-d6	6.30	99	2471687	126.44	ng		0.00
23) Nitrobenzene-d5	7.22	82	1541988	88.20	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	722573	132.00	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2853279	94.60	ng		0.00
79) Terphenyl-d14	12.73	244	3008621	88.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	275542	36.324	ng		100
3) Pyridine	3.05	79	785445	36.777	ng		99
4) n-Nitrosodimethylamine	2.99	42	303111	39.976	ng		95
6) Aniline	6.32	93	563996	21.543	ng	#	7
8) 2-Chlorophenol	6.44	128	777792	42.327	ng		100
9) Benzaldehyde	6.19	77	220126	15.116	ng		96
10) Phenol	6.32	94	883238	40.383	ng		79
11) bis(2-Chloroethyl)ether	6.39	93	704566	41.504	ng		100
12) 1,3-Dichlorobenzene	6.59	146	850404	39.621	ng		98
13) 1,4-Dichlorobenzene	6.66	146	869570	40.298	ng		98
14) 1,2-Dichlorobenzene	6.82	146	780771	38.433	ng		98
15) Benzyl Alcohol	6.80	79	467597	31.925	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	902895	39.739	ng		94
17) 2-Methylphenol	6.92	107	679542	44.336	ng		96
18) Hexachloroethane	7.16	117	308999	39.652	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	489275	41.194	ng		97
20) 3+4-Methylphenols	7.07	107	780880	42.807	ng		94
22) Acetophenone	7.06	105	1062944	44.619	ng		97
24) Nitrobenzene	7.23	77	777771	43.723	ng		94
25) Isophorone	7.47	82	1425632	43.536	ng		99
26) 2-Nitrophenol	7.55	139	453131	45.700	ng		96
27) 2,4-Dimethylphenol	7.60	122	740995	51.805	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	903798	43.019	ng		99
29) 2,4-Dichlorophenol	7.80	162	696471	46.092	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	743036	42.557	ng		99
31) Naphthalene	7.95	128	2239087	44.968	ng		100
32) Benzoic acid	7.75	122	407560	39.380	ng		97
33) 4-Chloroaniline	8.00	127	387208	16.847	ng		99
34) Hexachlorobutadiene	8.07	225	405374	41.770	ng		100
35) Caprolactam	8.38	113	220953m	43.903	ng		
36) 4-Chloro-3-methylphenol	8.50	107	721538	47.383	ng		97
37) 2-Methylnaphthalene	8.65	142	1537824	46.306	ng		99
38) 1-Methylnaphthalene	8.74	142	1442049	45.942	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	653685	43.284	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	696239	93.559	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	473685	41.994	ng		98
44) 2,4,5-Trichlorophenol	8.97	196	525790	46.124	ng		97
46) 1,1'-Biphenyl	9.11	154	1780631	43.469	ng		99
47) 2-Chloronaphthalene	9.13	162	1439879	43.468	ng		99
48) 2-Nitroaniline	9.23	65	414319	42.317	ng		94
49) Acenaphthylene	9.54	152	2228740	43.761	ng		99
50) Dimethylphthalate	9.42	163	1665787	43.331	ng		99
51) 2,6-Dinitrotoluene	9.47	165	398568	45.706	ng	#	86
52) Acenaphthene	9.72	154	1284760	44.092	ng		98
53) 3-Nitroaniline	9.63	138	232677	21.778	ng		98
54) 2,4-Dinitrophenol	9.75	184	399229	94.386	ng		91
55) Dibenzofuran	9.89	168	1879443	42.797	ng		99
56) 4-Nitrophenol	9.82	139	629364	85.421	ng		97
57) 2,4-Dinitrotoluene	9.87	165	504681	45.470	ng		96
58) Fluorene	10.23	166	1384977	47.709	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.01	232	449350	48.800	ng		98
60) Diethylphthalate	10.11	149	1609296	43.781	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	663267	45.863	ng		97
62) 4-Nitroaniline	10.25	138	427577	39.803	ng		98
63) Azobenzene	10.38	77	1424228	44.289	ng		97
65) 4,6-Dinitro-2-methylphenol	10.28	198	248412	43.391	ng		96
66) n-Nitrosodiphenylamine	10.34	169	1344639	44.040	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	456839	41.655	ng		93
68) Hexachlorobenzene	10.77	284	504030	41.745	ng		96
69) Atrazine	10.87	200	448707	45.581	ng		99
70) Pentachlorophenol	10.97	266	579430	88.366	ng		99
71) Phenanthrene	11.18	178	2195200	41.625	ng		100
72) Anthracene	11.23	178	2277523	42.808	ng		100
73) Carbazole	11.39	167	2088948	44.984	ng		99
74) Di-n-butylphthalate	11.73	149	2405634	41.092	ng		100
75) Fluoranthene	12.36	202	2321387	43.047	ng		98
77) Benzidine	12.48	184	536261	20.837	ng		97
78) Pyrene	12.59	202	2357543	40.673	ng		100
80) Butylbenzylphthalate	13.21	149	1136645	41.984	ng		95
81) Benzo(a)anthracene	13.77	228	2046567	42.982	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	541029	29.638	ng		99
83) Chrysene	13.80	228	2090242	44.146	ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1321181	41.289	ng		98
85) Di-n-octyl phthalate	14.38	149	2471947	44.861	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1809289	43.502	ng		100
88) Benzo(b)fluoranthene	14.77	252	2148354	46.127	ng		100
89) Benzo(k)fluoranthene	14.80	252	1886052	46.136	ng		99
90) Benzo(a)pyrene	15.10	252	1894087	47.130	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	1495401	43.207	ng		100
92) Benzo(g,h,i)perylene	16.85	276	1506546	42.682	ng		99

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

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