Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115274.D
Acq On : 28 Jun 2019 12:02
Operator : HP/JU
Sample : PB120979BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120979BS

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mohammad
7/1/2019 3:05:40 PM

Quant Time: Jun 29 04:35:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	265649	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	1013290	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	507049	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	973159	20.00	ng		0.00
76) Chrysene-d12	13.72	240	642921	20.00	ng		0.00
87) Perylene-d12	15.09	264	803422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1952016	113.39	ng		0.02
7) Phenol-d6	6.25	99	2404409	115.08	ng		0.01
23) Nitrobenzene-d5	7.17	82	1523070	92.46	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	711357	133.04	ng		0.01
45) 2-Fluorobiphenyl	8.96	172	2770939	92.83	ng		0.00
79) Terphenyl-d14	12.68	244	2926350	96.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	263134	32.388	ng		100
3) Pyridine	2.89	79	758620	33.130	ng		97
4) n-Nitrosodimethylamine	2.84	42	332797	37.073	ng		95
6) Aniline	6.27	93	716273	24.943	ng	#	21
8) 2-Chlorophenol	6.39	128	805280	41.602	ng		98
9) Benzaldehyde	6.14	77	159803	11.723	ng		99
10) Phenol	6.26	94	916052	37.428	ng		91
11) bis(2-Chloroethyl)ether	6.34	93	739706	41.001	ng		98
12) 1,3-Dichlorobenzene	6.54	146	854558	39.779	ng		100
13) 1,4-Dichlorobenzene	6.62	146	869842	40.379	ng		100
14) 1,2-Dichlorobenzene	6.77	146	809086	40.557	ng		99
15) Benzyl Alcohol	6.75	79	605028	39.766	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1068898	40.849	ng		98
17) 2-Methylphenol	6.87	107	677921	42.430	ng		98
18) Hexachloroethane	7.11	117	317006	40.818	ng		98
19) n-Nitroso-di-n-propylamine	7.03	70	523833	39.160	ng		100
20) 3+4-Methylphenols	7.02	107	761777	41.291	ng	#	79
22) Acetophenone	7.01	105	1075005	46.341	ng	#	96
24) Nitrobenzene	7.18	77	817213	45.033	ng		99
25) Isophorone	7.43	82	1531713	45.392	ng		99
26) 2-Nitrophenol	7.50	139	462839	51.646	ng		100
27) 2,4-Dimethylphenol	7.55	122	757932	51.655	ng		97
28) bis(2-Chloroethoxy)methane	7.64	93	960614	45.041	ng		100
29) 2,4-Dichlorophenol	7.75	162	715849	47.274	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	776071	46.399	ng		100
31) Naphthalene	7.91	128	2279127	45.821	ng		100
32) Benzoic acid	7.70	122	575430	54.940	ng		99
33) 4-Chloroaniline	7.95	127	383991	16.892	ng		99
34) Hexachlorobutadiene	8.03	225	420038	45.826	ng		97
35) Caprolactam	8.33	113	239326m	47.009	ng		
36) 4-Chloro-3-methylphenol	8.45	107	718312	46.841	ng		95
37) 2-Methylnaphthalene	8.60	142	1569036	46.785	ng		99
38) 1-Methylnaphthalene	8.70	142	1478936	46.173	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	655332	45.737	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	800357	94.202 ng	98
43) 2,4,6-Trichlorophenol	8.88	196	521124	47.110 ng	98
44) 2,4,5-Trichlorophenol	8.92	196	550993	48.368 ng	97
46) 1,1'-Biphenyl	9.06	154	1813599	44.702 ng	98
47) 2-Chloronaphthalene	9.08	162	1467596	44.595 ng	97
48) 2-Nitroaniline	9.17	65	433212	45.152 ng	97
49) Acenaphthylene	9.49	152	2281001	44.486 ng	99
50) Dimethylphthalate	9.37	163	1701302	45.606 ng	99
51) 2,6-Dinitrotoluene	9.42	165	409043	47.494 ng	100
52) Acenaphthene	9.67	154	1330931	41.482 ng	99
53) 3-Nitroaniline	9.58	138	264219	25.140 ng	94
54) 2,4-Dinitrophenol	9.70	184	469234	103.505 ng	97
55) Dibenzofuran	9.84	168	1965118	42.673 ng	100
56) 4-Nitrophenol	9.76	139	736433	87.401 ng	91
57) 2,4-Dinitrotoluene	9.82	165	538032	48.382 ng	97
58) Fluorene	10.18	166	1380461	45.029 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	474328	49.656 ng	98
60) Diethylphthalate	10.07	149	1698102	45.284 ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	680425	47.003 ng	97
62) 4-Nitroaniline	10.20	138	451912	42.861 ng	97
63) Azobenzene	10.33	77	1529146	43.658 ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	277493	53.013 ng	98
66) n-Nitrosodiphenylamine	10.29	169	1404762	46.333 ng	99
67) 4-Bromophenyl-phenylether	10.66	248	499519	47.343 ng	92
68) Hexachlorobenzene	10.72	284	538740	47.041 ng	94
69) Atrazine	10.82	200	466031	47.784 ng	99
70) Pentachlorophenol	10.91	266	650402	89.144 ng	99
71) Phenanthrene	11.13	178	2228259	42.527 ng	100
72) Anthracene	11.18	178	2301969	43.523 ng	98
73) Carbazole	11.33	167	2093926	44.335 ng	98
74) Di-n-butylphthalate	11.68	149	2505870	45.915 ng	98
75) Fluoranthene	12.31	202	2305982	44.110 ng	98
77) Benzidine	12.42	184	810660	28.396 ng	99
78) Pyrene	12.53	202	2375587	48.080 ng	98
80) Butylbenzylphthalate	13.17	149	1142191	52.383 ng	92
81) Benzo(a)anthracene	13.71	228	2152884	46.668 ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	566271	33.992 ng	97
83) Chrysene	13.75	228	2039058	48.253 ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1493803	52.284 ng	99
85) Di-n-octyl phthalate	14.34	149	2563470	53.401 ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2614712	52.291 ng	99
88) Benzo(b)fluoranthene	14.72	252	2270583	45.293 ng	98
89) Benzo(k)fluoranthene	14.75	252	2092975	46.555 ng	99
90) Benzo(a)pyrene	15.04	252	2184212	48.340 ng	98
91) Dibenzo(a,h)anthracene	16.38	278	2122080	50.307 ng	99
92) Benzo(g,h,i)perylene	16.75	276	2235400	52.360 ng	99

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

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