Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115038.D
Acq On : 14 Jun 2019 14:29
Operator : HP/JU
Sample : PB120599BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120599BSD

Quant Time: Jun 17 03:46:09 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	251823	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	962474	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	463453	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	902372	20.00	ng		0.00
76) Chrysene-d12	13.77	240	644914	20.00	ng		0.00
87) Perylene-d12	15.14	264	624794	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1072880	71.14	ng		0.00
7) Phenol-d6	6.29	99	1298243	71.36	ng		0.00
23) Nitrobenzene-d5	7.21	82	1113713	69.65	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	370259	74.60	ng		0.00
45) 2-Fluorobiphenyl	9.00	172	2137285	78.16	ng		0.00
79) Terphenyl-d14	12.73	244	2290340	66.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	277565	39.319	ng		99
3) Pyridine	3.03	79	654808	32.947	ng		100
4) n-Nitrosodimethylamine	2.98	42	252427	35.774	ng		97
6) Aniline	6.30	93	552628	22.683	ng	#	54
8) 2-Chlorophenol	6.43	128	667853	39.054	ng		99
10) Phenol	6.30	94	751765	36.935	ng		90
11) bis(2-Chloroethyl)ether	6.39	93	593307	37.556	ng		100
12) 1,3-Dichlorobenzene	6.59	146	743845	37.241	ng		99
13) 1,4-Dichlorobenzene	6.66	146	759071	37.800	ng		99
14) 1,2-Dichlorobenzene	6.82	146	698104	36.926	ng		100
15) Benzyl Alcohol	6.80	79	412824	30.287	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	770624	36.447	ng		97
17) 2-Methylphenol	6.92	107	555147	38.921	ng		97
18) Hexachloroethane	7.16	117	266609	36.764	ng		96
19) n-Nitroso-di-n-propylamine	7.07	70	410263	37.117	ng		97
20) 3+4-Methylphenols	7.07	107	653986	38.525	ng		97
22) Acetophenone	7.06	105	889009	40.804	ng		96
24) Nitrobenzene	7.23	77	659007	40.507	ng		93
25) Isophorone	7.47	82	1182011	39.469	ng		99
26) 2-Nitrophenol	7.55	139	376220	41.488	ng		98
27) 2,4-Dimethylphenol	7.60	122	582770	44.549	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	742269	38.631	ng		100
29) 2,4-Dichlorophenol	7.80	162	569807	41.232	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	636633	39.869	ng		99
31) Naphthalene	7.95	128	1913163	42.012	ng		99
32) Benzoic acid	7.73	122	353649	37.363	ng		96
33) 4-Chloroaniline	8.00	127	484700	23.058	ng		98
34) Hexachlorobutadiene	8.07	225	345957	38.978	ng		100
35) Caprolactam	8.37	113	173450m	37.684	ng		
36) 4-Chloro-3-methylphenol	8.50	107	584176	41.946	ng		98
37) 2-Methylnaphthalene	8.64	142	1295802	42.663	ng		99
38) 1-Methylnaphthalene	8.74	142	1218968	42.463	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	550592	40.212	ng		99
41) Hexachlorocyclopentadiene	8.80	237	576747	85.483	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.92	196	389317	38.069 ng	100
44) 2,4,5-Trichlorophenol	8.97	196	416410	40.291 ng	96
46) 1,1'-Biphenyl	9.10	154	1515440	40.805 ng	99
47) 2-Chloronaphthalene	9.13	162	1202881	40.053 ng	99
48) 2-Nitroaniline	9.22	65	333862	37.611 ng	97
49) Acenaphthylene	9.54	152	1864510	40.379 ng	99
50) Dimethylphthalate	9.41	163	1376024	39.480 ng	99
51) 2,6-Dinitrotoluene	9.47	165	320818	40.579 ng	97
52) Acenaphthene	9.71	154	1072223	40.587 ng	98
53) 3-Nitroaniline	9.63	138	237903	24.560 ng	97
54) 2,4-Dinitrophenol	9.75	184	320158	83.487 ng	96
55) Dibenzofuran	9.88	168	1608366	40.396 ng	100
56) 4-Nitrophenol	9.81	139	507856	76.028 ng	97
57) 2,4-Dinitrotoluene	9.87	165	419139	41.652 ng	97
58) Fluorene	10.22	166	1169147	43.771 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	375147	44.937 ng	97
60) Diethylphthalate	10.11	149	1334081	40.032 ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	561960	42.261 ng	100
62) 4-Nitroaniline	10.25	138	347108	35.640 ng	98
63) Azobenzene	10.37	77	1190758	40.843 ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	198428	39.233 ng	98
66) n-Nitrosodiphenylamine	10.34	169	1107798	41.070 ng	99
67) 4-Bromophenyl-phenylether	10.70	248	376237	38.832 ng	97
68) Hexachlorobenzene	10.77	284	415452	38.948 ng	100
69) Atrazine	10.87	200	327830	37.696 ng	97
70) Pentachlorophenol	10.97	266	469502	81.048 ng	99
71) Phenanthrene	11.17	178	1834682	39.379 ng	99
72) Anthracene	11.23	178	1926551	40.988 ng	99
73) Carbazole	11.38	167	1744632	42.526 ng	99
74) Di-n-butylphthalate	11.72	149	2044503	39.530 ng	100
75) Fluoranthene	12.36	202	1942290	40.769 ng	99
77) Benzidine	12.48	184	613428	23.516 ng	96
78) Pyrene	12.58	202	1957560	33.320 ng	100
80) Butylbenzylphthalate	13.21	149	922369	33.613 ng	97
81) Benzo(a)anthracene	13.76	228	1673938	34.685 ng	100
82) 3,3'-Dichlorobenzidine	13.73	252	540971	29.238 ng	100
83) Chrysene	13.80	228	1734835	36.150 ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1116325	34.420 ng	99
85) Di-n-octyl phthalate	14.38	149	2026432	36.284 ng	99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1434631	34.032 ng	99
88) Benzo(b)fluoranthene	14.77	252	1635527	39.378 ng	100
89) Benzo(k)fluoranthene	14.80	252	1605245	44.032 ng	99
90) Benzo(a)pyrene	15.10	252	1528685	42.654 ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1199847	38.874 ng	99
92) Benzo(g,h,i)perylene	16.84	276	1167922	37.104 ng	99

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

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