Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120490.D
Acq On : 2 Jun 2020 13:07
Operator : JU/CG
Sample : PB129235BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB129235BS

Quant Time: Jun 02 14:39:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 02 11:37:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	186867	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	678615	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	316129	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	521248	20.00	ng	0.00
76) Chrysene-d12	14.01	240	380733	20.00	ng	0.00
86) Perylene-d12	15.47	264	447412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1257959	128.29	ng	0.02
7) Phenol-d6	6.49	99	1540566	127.47	ng	0.00
23) Nitrobenzene-d5	7.41	82	998114	96.21	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	380211	129.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1752594	94.06	ng	0.00
79) Terphenyl-d14	12.96	244	1548791	90.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	207365	42.692	ng	99
3) Pyridine	3.43	79	483615	35.950	ng	99
4) n-Nitrosodimethylamine	3.37	42	249070	43.751	ng	98
6) Aniline	6.51	93	486891	28.892	ng	98
8) 2-Chlorophenol	6.63	128	520305	47.059	ng	99
9) Benzaldehyde	6.40	77	285764	38.795	ng	99
10) Phenol	6.50	94	577410	43.688	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	492191	44.565	ng	99
12) 1,3-Dichlorobenzene	6.79	146	546592	44.999	ng	99
13) 1,4-Dichlorobenzene	6.86	146	547269	45.158	ng	99
14) 1,2-Dichlorobenzene	7.02	146	504733	45.091	ng	100
15) Benzyl Alcohol	6.99	79	408803	44.871	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	705568	40.523	ng	99
17) 2-Methylphenol	7.10	107	398559	40.313	ng	99
18) Hexachloroethane	7.36	117	186038	41.937	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	315821	41.108	ng	98
20) 3+4-Methylphenols	7.26	107	452065	36.195	ng	96
22) Acetophenone	7.26	105	617583	44.810	ng	98
24) Nitrobenzene	7.43	77	502691	44.982	ng	99
25) Isophorone	7.67	82	903054	43.310	ng	99
26) 2-Nitrophenol	7.75	139	263352	52.267	ng	98
27) 2,4-Dimethylphenol	7.79	122	420479	48.054	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	575998	45.872	ng	99
29) 2,4-Dichlorophenol	7.99	162	402362	45.526	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	453618	45.736	ng	99
31) Naphthalene	8.15	128	1380655	46.325	ng	100
32) Benzoic acid	7.90	122	222993	34.342	ng	99
33) 4-Chloroaniline	8.19	127	206371	15.624	ng	99
34) Hexachlorobutadiene	8.27	225	270554	46.020	ng	97
35) Caprolactam	8.57	113	119381	41.708	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	392314	43.752	ng	99
37) 2-Methylnaphthalene	8.84	142	901705	45.677	ng	99
38) 1-Methylnaphthalene	8.94	142	848736	45.548	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	422491	52.114	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	281192	62.148 ng	97
43) 2,4,6-Trichlorophenol	9.12	196	282203	48.131 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	297785	44.805 ng	98
46) 1,1'-Biphenyl	9.30	154	1080249	52.017 ng	98
47) 2-Chloronaphthalene	9.33	162	815670	47.698 ng	98
48) 2-Nitroaniline	9.43	65	242933	46.641 ng	93
49) Acenaphthylene	9.75	152	1267392	47.961 ng	99
50) Dimethylphthalate	9.60	163	940062	47.565 ng	99
51) 2,6-Dinitrotoluene	9.67	165	201173	45.803 ng	91
52) Acenaphthene	9.92	154	783646	47.515 ng	99
53) 3-Nitroaniline	9.83	138	120425	23.349 ng	94
54) 2,4-Dinitrophenol	9.95	184	90061	53.683 ng	91
55) Dibenzofuran	10.09	168	1098581	45.837 ng	97
56) 4-Nitrophenol	10.00	139	315914	80.007 ng	96
57) 2,4-Dinitrotoluene	10.07	165	249241	44.340 ng	88
58) Fluorene	10.43	166	805813	44.803 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	224468	43.342 ng	98
60) Diethylphthalate	10.30	149	890902	44.608 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	419153	42.985 ng	98
62) 4-Nitroaniline	10.45	138	169137	34.737 ng	99
63) Azobenzene	10.59	77	804988	42.851 ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	71640	37.681 ng	95
66) n-Nitrosodiphenylamine	10.54	169	738444	51.000 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	256224	48.697 ng	94
68) Hexachlorobenzene	10.98	284	271747	48.498 ng	95
69) Atrazine	11.07	200	202095	49.519 ng	98
70) Pentachlorophenol	11.17	266	262748	76.695 ng	99
71) Phenanthrene	11.40	178	1076181	46.856 ng	99
72) Anthracene	11.45	178	1117019	48.472 ng	99
73) Carbazole	11.60	167	990559	44.441 ng	99
74) Di-n-butylphthalate	11.93	149	1260208	48.604 ng	99
75) Fluoranthene	12.59	202	1115769	45.148 ng	97
77) Benzidine	12.70	184	706497	70.624 ng	98
78) Pyrene	12.82	202	1126598	42.549 ng	98
80) Butylbenzylphthalate	13.43	149	474459	42.922 ng	97
81) Benzo(a)anthracene	14.00	228	1012052	49.598 ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	371065	50.089 ng	97
83) Chrysene	14.04	228	973659	45.514 ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	643094	49.561 ng	98
85) Di-n-octyl phthalate	14.60	149	1115512	49.684 ng	100
87) Indeno(1,2,3-cd)pyrene	16.93	276	1102357	45.048 ng	99
88) Benzo(b)fluoranthene	15.04	252	1104559	44.448 ng	99
89) Benzo(k)fluoranthene	15.08	252	970432	41.830 ng	100
90) Benzo(a)pyrene	15.41	252	962690	44.288 ng	100
91) Dibenzo(a,h)anthracene	16.95	278	927073	46.468 ng	99
92) Benzo(g,h,i)perylene	17.37	276	896723	45.572 ng	100

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

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