Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044421.D
Acq On : 13 Feb 2020 17:21
Operator : CG/JU
Sample : PB126789BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126789BS

Quant Time: Feb 14 02:54:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	74880	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	333719	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	226642	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	496626	20.00	ng	0.00
76) Chrysene-d12	21.54	240	447207	20.00	ng	0.00
87) Perylene-d12	24.62	264	384301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	526858	124.17	ng	0.00
7) Phenol-d6	7.08	99	707864	124.24	ng	0.00
23) Nitrobenzene-d5	9.06	82	367656	62.20	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	289866	108.95	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	879814	65.01	ng	0.00
79) Terphenyl-d14	19.90	244	1371304	63.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	66720	35.000	ng	98
3) Pyridine	3.76	79	156914	30.896	ng	98
4) n-Nitrosodimethylamine	3.68	42	75913	35.769	ng	94
6) Aniline	7.22	93	186820	26.416	ng	100
8) 2-Chlorophenol	7.47	128	209001	44.821	ng	99
9) Benzaldehyde	7.04	77	40163	12.377	ng	93
10) Phenol	7.11	94	255110	45.243	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	191176	39.658	ng	97
12) 1,3-Dichlorobenzene	7.79	146	206038	37.007	ng	96
13) 1,4-Dichlorobenzene	7.94	146	207353	37.603	ng	99
14) 1,2-Dichlorobenzene	8.26	146	200491	38.467	ng	99
15) Benzyl Alcohol	8.14	79	172843	42.850	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.43	45	252081	38.635	ng	99
17) 2-Methylphenol	8.35	107	179493	44.616	ng	98
18) Hexachloroethane	8.99	117	75413	36.445	ng	98
19) n-Nitroso-di-n-propylamine	8.71	70	151414	39.876	ng	96
20) 3+4-Methylphenols	8.68	107	244988	44.186	ng	100
22) Acetophenone	8.72	105	283945	34.976	ng	99
24) Nitrobenzene	9.10	77	208803	36.183	ng	100
25) Isophorone	9.63	82	418318	37.968	ng	99
26) 2-Nitrophenol	9.82	139	119069	39.765	ng	100
27) 2,4-Dimethylphenol	9.88	122	201450	47.660	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	265632	36.142	ng	100
29) 2,4-Dichlorophenol	10.36	162	211257	41.334	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	209996	35.833	ng	98
31) Naphthalene	10.76	128	616035	38.048	ng	100
32) Benzoic acid	10.03	122	62353	29.955	ng	92
33) 4-Chloroaniline	10.86	127	175032	23.769	ng	98
34) Hexachlorobutadiene	11.05	225	121690	33.746	ng	99
35) Caprolactam	11.63	113	82355	43.987	ng	96
36) 4-Chloro-3-methylphenol	12.00	107	223708	41.747	ng	97
37) 2-Methylnaphthalene	12.37	142	467400	38.881	ng	98
38) 1-Methylnaphthalene	12.58	142	440271	38.846	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	228785	33.746	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	173970	53.479	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	167837	38.300	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	182946	40.873	ng	99
46) 1,1'-Biphenyl	13.38	154	590463	36.119	ng	99
47) 2-Chloronaphthalene	13.42	162	465130	35.755	ng	100
48) 2-Nitroaniline	13.62	65	140024	36.472	ng	96
49) Acenaphthylene	14.26	152	741402	38.857	ng	99
50) Dimethylphthalate	14.00	163	611873	37.557	ng	100
51) 2,6-Dinitrotoluene	14.12	165	138184	38.041	ng	96
52) Acenaphthene	14.61	154	453924	36.703	ng	99
53) 3-Nitroaniline	14.45	138	108831	27.080	ng	98
54) 2,4-Dinitrophenol	14.65	184	138704	65.924	ng	98
55) Dibenzofuran	14.94	168	718903	38.393	ng	98
56) 4-Nitrophenol	14.77	139	245734	83.475	ng	98
57) 2,4-Dinitrotoluene	14.90	165	193883	38.082	ng	97
58) Fluorene	15.59	166	565869	38.369	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	162303	40.145	ng	99
60) Diethylphthalate	15.37	149	619919	38.188	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	299331	37.432	ng	98
62) 4-Nitroaniline	15.61	138	140923	35.093	ng	100
63) Azobenzene	15.88	77	544485	38.270	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	111761	40.768	ng	99
66) n-Nitrosodiphenylamine	15.80	169	537410	38.614	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	196360	36.291	ng	96
68) Hexachlorobenzene	16.60	284	212690	35.087	ng	98
69) Atrazine	16.75	200	191401	40.123	ng	98
70) Pentachlorophenol	16.95	266	223151	73.081	ng	98
71) Phenanthrene	17.33	178	922157	38.346	ng	99
72) Anthracene	17.42	178	931145	39.164	ng	99
73) Carbazole	17.69	167	846316	38.612	ng	100
74) Di-n-butylphthalate	18.25	149	1049054	38.731	ng	99
75) Fluoranthene	19.34	202	1077508	38.732	ng	100
77) Benzidine	19.52	184	169354	13.653	ng	98
78) Pyrene	19.70	202	1086343	37.826	ng	99
80) Butylbenzylphthalate	20.59	149	487997	37.286	ng	99
81) Benzo(a)anthracene	21.51	228	1046901	37.984	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	312947	29.256	ng	100
83) Chrysene	21.58	228	999126	37.503	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	687803	38.181	ng	99
85) Di-n-octyl phthalate	22.60	149	1208990	38.788	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1258707	36.214	ng	99
88) Benzo(b)fluoranthene	23.65	252	1077061	48.637	ng	100
89) Benzo(k)fluoranthene	23.71	252	1083844	50.217	ng	99
90) Benzo(a)pyrene	24.47	252	1001033	47.810	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1047861	50.569	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1063521	51.270	ng	99

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

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