Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040087.D
Acq On : 22 Mar 2019 17:34
Operator : JU/SJ
Sample : PB118180BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118180BSD

Manual Integrations APPROVED
Sohil
3/25/2019 11:58:05 AM

Quant Time: Mar 23 02:23:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43690	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	178219	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	115608	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	288816	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	315948	20.00	ng		-0.02
87) Perylene-d12	25.17	264	325181	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	159818	62.41	ng		-0.02
7) Phenol-d6	7.29	99	220602	57.77	ng		-0.02
23) Nitrobenzene-d5	9.32	82	193668	58.77	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	84399	62.63	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	482399	59.41	ng		-0.02
79) Terphenyl-d14	20.11	244	748054	52.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	28795	24.355	ng		98
3) Pyridine	3.98	79	75345	23.804	ng		96
4) n-Nitrosodimethylamine	3.90	42	39066	26.016	ng		89
6) Aniline	7.47	93	60552	12.104	ng		98
8) 2-Chlorophenol	7.71	128	85841	27.629	ng		95
9) Benzaldehyde	7.28	77	23151	9.399	ng		96
10) Phenol	7.32	94	112491	27.193	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	81722	25.338	ng		97
12) 1,3-Dichlorobenzene	8.03	146	93441	26.592	ng		98
13) 1,4-Dichlorobenzene	8.18	146	94427	26.382	ng		98
14) 1,2-Dichlorobenzene	8.50	146	89492	25.879	ng		97
15) Benzyl Alcohol	8.38	79	76358	25.209	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	154943	24.020	ng		98
17) 2-Methylphenol	8.58	107	71479	27.099	ng		98
18) Hexachloroethane	9.23	117	33193	25.846	ng		94
19) n-Nitroso-di-n-propylamine	8.94	70	64451	23.450	ng		90
20) 3+4-Methylphenols	8.90	107	99914	27.266	ng		97
22) Acetophenone	8.97	105	124272	25.980	ng	#	94
24) Nitrobenzene	9.37	77	97552	28.219	ng		95
25) Isophorone	9.87	82	180335	26.118	ng		99
26) 2-Nitrophenol	10.07	139	47262	28.316	ng		97
27) 2,4-Dimethylphenol	10.11	122	85095	32.781	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	113009	26.933	ng		97
29) 2,4-Dichlorophenol	10.61	162	89666	30.680	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	95347	28.992	ng		99
31) Naphthalene	11.01	128	262669	27.837	ng		99
32) Benzoic acid	10.24	122	36027	24.033	ng		93
33) 4-Chloroaniline	11.13	127	41450	10.359	ng		99
34) Hexachlorobutadiene	11.28	225	63946	28.454	ng		93
35) Caprolactam	11.90	113	28437m	25.471	ng		
36) 4-Chloro-3-methylphenol	12.23	107	94352	28.162	ng		99
37) 2-Methylnaphthalene	12.60	142	196998	27.925	ng		97
38) 1-Methylnaphthalene	12.83	142	186925	27.266	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	111755	28.534	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	148240	70.628	ng		100
43) 2,4,6-Trichlorophenol	13.20	196	72186	31.482	ng		95
44) 2,4,5-Trichlorophenol	13.28	196	76470	29.587	ng		96
46) 1,1'-Biphenyl	13.60	154	268561	28.244	ng		96
47) 2-Chloronaphthalene	13.65	162	205387	28.712	ng		98
48) 2-Nitroaniline	13.86	65	66148	28.775	ng		96
49) Acenaphthylene	14.50	152	327362	27.878	ng		100
50) Dimethylphthalate	14.21	163	271291	28.064	ng		98
51) 2,6-Dinitrotoluene	14.35	165	57877	28.241	ng		95
52) Acenaphthene	14.84	154	198411	28.073	ng		96
53) 3-Nitroaniline	14.68	138	29756	14.444	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	61259	49.541	ng		92
55) Dibenzofuran	15.17	168	330971	28.542	ng		98
56) 4-Nitrophenol	14.98	139	102445	55.590	ng	#	88
57) 2,4-Dinitrotoluene	15.13	165	84094	29.203	ng	#	88
58) Fluorene	15.81	166	258410	28.347	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	79037	31.313	ng	#	97
60) Diethylphthalate	15.56	149	269555	28.168	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	136138	27.986	ng		98
62) 4-Nitroaniline	15.85	138	62876	28.154	ng		95
63) Azobenzene	16.09	77	242299	27.932	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	49032	28.713	ng		97
66) n-Nitrosodiphenylamine	16.02	169	236926	28.336	ng		97
67) 4-Bromophenyl-phenylether	16.69	248	90248	27.916	ng		94
68) Hexachlorobenzene	16.81	284	96000	28.648	ng		93
69) Atrazine	16.96	200	97420	29.605	ng		97
70) Pentachlorophenol	17.16	266	112938	53.364	ng		94
71) Phenanthrene	17.56	178	452066	28.417	ng		99
72) Anthracene	17.65	178	458945	29.605	ng		99
73) Carbazole	17.92	167	412765	29.535	ng		98
74) Di-n-butylphthalate	18.45	149	497439	30.252	ng		99
75) Fluoranthene	19.56	202	570272	30.332	ng		99
77) Benzidine	19.74	184	137859	13.750	ng		99
78) Pyrene	19.92	202	574222	27.969	ng		99
80) Butylbenzylphthalate	20.79	149	237076	29.806	ng		95
81) Benzo(a)anthracene	21.79	228	551047	27.829	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	104321	14.430	ng		98
83) Chrysene	21.86	228	529566	27.586	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	328474	29.387	ng		99
85) Di-n-octyl phthalate	22.90	149	566686	30.620	ng	#	94
86) Indeno(1,2,3-cd)pyrene	29.03	276	623191	28.616	ng		97
88) Benzo(b)fluoranthene	24.09	252	541084	27.904	ng		98
89) Benzo(k)fluoranthene	24.17	252	540324	29.934	ng		98
90) Benzo(a)pyrene	25.01	252	534451	29.827	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	503859	28.683	ng		99
92) Benzo(g,h,i)perylene	30.25	276	509831	28.898	ng		97

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

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