Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036749.D
Acq On : 17 Sep 2018 11:30
Operator : JU/SJ
Sample : PB112885BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Manual Integrations APPROVED
Sohil
9/18/2018 6:18:09 PM

Quant Time: Sep 17 12:13:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63144	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	280385	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	182586	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	467701	20.00	ng		0.00
75) Chrysene-d12	21.69	240	464170	20.00	ng		0.00
86) Perylene-d12	24.89	264	449315	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	437663	109.95	ng		0.00
7) Phenol-d6	7.22	99	593702	104.17	ng		0.00
23) Nitrobenzene-d5	9.21	82	355947	68.88	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	252399	115.85	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	842505	65.88	ng		-0.01
78) Terphenyl-d14	20.02	244	1362960	68.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	61035	32.855	ng		98
3) Pyridine	3.93	79	171308	32.852	ng		97
4) n-Nitrosodimethylamine	3.84	42	90712	39.057	ng		95
6) Aniline	7.37	93	228119	31.534	ng		100
8) 2-Chlorophenol	7.62	128	174402	40.402	ng		97
9) Benzaldehyde	7.19	77	101888	25.961	ng		98
10) Phenol	7.24	94	244881	41.059	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	173559	36.706	ng		100
12) 1,3-Dichlorobenzene	7.94	146	183773	37.283	ng		97
13) 1,4-Dichlorobenzene	8.09	146	185054	37.185	ng		98
14) 1,2-Dichlorobenzene	8.40	146	174842	36.788	ng		97
15) Benzyl Alcohol	8.29	79	179052	38.972	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	332254	34.844	ng		97
17) 2-Methylphenol	8.49	107	162878	41.128	ng		98
18) Hexachloroethane	9.13	117	68657	38.479	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	146835	34.473	ng		95
20) 3+4-Methylphenols	8.81	107	224513	40.606	ng		98
22) Acetophenone	8.87	105	274674	37.306	ng	#	97
24) Nitrobenzene	9.25	77	217882	39.099	ng		97
25) Isophorone	9.78	82	409999	39.938	ng		98
26) 2-Nitrophenol	9.97	139	95605	43.295	ng		98
27) 2,4-Dimethylphenol	10.02	122	177567	43.433	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	243045	38.575	ng		98
29) 2,4-Dichlorophenol	10.50	162	190373	42.489	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	193638	36.943	ng		97
31) Naphthalene	10.91	128	546823	39.014	ng		99
32) Benzoic acid	10.15	122	77776	27.745	ng		99
33) 4-Chloroaniline	11.01	127	182650	28.438	ng		99
34) Hexachlorobutadiene	11.19	225	130501	37.057	ng		99
35) Caprolactam	11.79	113	70976m	39.765	ng		
36) 4-Chloro-3-methylphenol	12.13	107	209895	40.317	ng		99
37) 2-Methylnaphthalene	12.50	142	424452	41.387	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	243953	37.755	ng		98
40) Hexachlorocyclopentadiene	12.85	237	294392	87.566	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	164985	41.917 ng	98
43) 2,4,5-Trichlorophenol	13.18	196	177594	42.302 ng	98
45) 1,1'-Biphenyl	13.51	154	550147	36.299 ng	98
46) 2-Chloronaphthalene	13.56	162	422352	36.503 ng	99
47) 2-Nitroaniline	13.76	65	152385	41.941 ng	96
48) Acenaphthylene	14.40	152	710862	39.312 ng	99
49) Dimethylphthalate	14.13	163	578632	38.810 ng	98
50) 2,6-Dinitrotoluene	14.25	165	126425	41.209 ng	99
51) Acenaphthene	14.74	154	417756	36.073 ng	99
52) 3-Nitroaniline	14.58	138	109038	32.981 ng	96
53) 2,4-Dinitrophenol	14.78	184	116421	100.186 ng	96
54) Dibenzofuran	15.07	168	680198	37.490 ng	99
55) 4-Nitrophenol	14.88	139	211396	78.204 ng	98
56) 2,4-Dinitrotoluene	15.04	165	178973	44.761 ng	91
57) Fluorene	15.72	166	546745	40.310 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	179592	45.531 ng	97
59) Diethylphthalate	15.49	149	567832	37.792 ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	312663	37.332 ng	99
61) 4-Nitroaniline	15.74	138	139709	40.383 ng	96
62) Azobenzene	16.01	77	560250	36.647 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	98839	48.108 ng	93
65) n-Nitrosodiphenylamine	15.93	169	505810	36.397 ng	97
66) 4-Bromophenyl-phenylether	16.60	248	209425	38.245 ng	99
67) Hexachlorobenzene	16.73	284	209141	37.352 ng	93
68) Atrazine	16.88	200	209579	40.178 ng	98
69) Pentachlorophenol	17.07	266	252327	66.307 ng	99
70) Phenanthrene	17.46	178	924325	38.894 ng	98
71) Anthracene	17.56	178	937341	39.567 ng	100
72) Carbazole	17.82	167	829603	35.065 ng	99
73) Di-n-butylphthalate	18.37	149	947446	35.962 ng	99
74) Fluoranthene	19.47	202	1117030	38.552 ng	99
76) Benzidine	19.64	184	409500	27.652 ng	99
77) Pyrene	19.83	202	1089078	38.155 ng	99
79) Butylbenzylphthalate	20.71	149	429909	37.846 ng	95
80) Benzo(a)anthracene	21.66	228	1087695	38.680 ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	312121	27.850 ng	99
82) Chrysene	21.73	228	1015776	38.109 ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	586839	36.917 ng	100
84) Di-n-octyl phthalate	22.78	149	988499	37.230 ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1217255	39.319 ng	99
87) Benzo(b)fluoranthene	23.87	252	1098829	44.040 ng	97
88) Benzo(k)fluoranthene	23.94	252	1019114	41.809 ng	99
89) Benzo(a)pyrene	24.74	252	1034868	43.163 ng	99
90) Dibenzo(a,h)anthracene	28.60	278	984058	42.515 ng	97
91) Benzo(g,h,i)perylene	29.68	276	999800	42.984 ng	97

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

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