Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
Data File : BG036475.D
Acq On : 29 Aug 2018 2:09
Operator : JU/SJ
Sample : PB112436BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112436BS

Manual Integrations APPROVED
Sohil
8/29/2018 3:13:14 PM

Quant Time: Aug 29 05:48:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	58086	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	251633	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	169966	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	451954	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	471790	20.00	ng	-0.01
86) Perylene-d12	24.91	264	491575	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	399086	108.99	ng	0.00
7) Phenol-d6	7.22	99	545171	103.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	305678	65.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.18	330	231959	114.37	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	765858	64.34	ng	-0.02
78) Terphenyl-d14	20.04	244	1367491	67.75	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	58437	34.196	ng	96
3) Pyridine	3.93	79	167846	34.991	ng	98
4) n-Nitrosodimethylamine	3.84	42	82808	38.759	ng	92
6) Aniline	7.38	93	215711	32.415	ng	97
8) 2-Chlorophenol	7.63	128	168000	42.307	ng	97
9) Benzaldehyde	7.20	77	106837	29.593	ng	96
10) Phenol	7.25	94	237451	43.280	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	162276	37.308	ng	97
12) 1,3-Dichlorobenzene	7.95	146	171806	37.891	ng	98
13) 1,4-Dichlorobenzene	8.10	146	173565	37.914	ng	99
14) 1,2-Dichlorobenzene	8.42	146	164980	37.736	ng	95
15) Benzyl Alcohol	8.30	79	168315	39.825	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	304049	34.663	ng	99
17) 2-Methylphenol	8.50	107	157595	43.260	ng	98
18) Hexachloroethane	9.15	117	62920	38.335	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	135338	34.541	ng	98
20) 3+4-Methylphenols	8.83	107	219871	43.230	ng	98
22) Acetophenone	8.88	105	256293	38.787	ng	97
24) Nitrobenzene	9.27	77	202119	40.415	ng	95
25) Isophorone	9.79	82	384484	41.732	ng	98
26) 2-Nitrophenol	9.98	139	87668	44.237	ng	96
27) 2,4-Dimethylphenol	10.03	122	176836	48.197	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	226583	40.072	ng	96
29) 2,4-Dichlorophenol	10.51	162	186619	46.410	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	185262	39.384	ng	100
31) Naphthalene	10.92	128	527423	41.929	ng	99
32) Benzoic acid	10.16	122	124708	46.047	ng	96
33) 4-Chloroaniline	11.02	127	125463	21.766	ng	99
34) Hexachlorobutadiene	11.21	225	123325	39.020	ng	97
35) Caprolactam	11.79	113	67772m	42.309	ng	
36) 4-Chloro-3-methylphenol	12.14	107	208975	44.726	ng	100
37) 2-Methylnaphthalene	12.52	142	408878	44.424	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	232672	38.683	ng	97
40) Hexachlorocyclopentadiene	12.87	237	285842	91.336	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	159798	43.613	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	175511	44.910	ng	98
45) 1,1'-Biphenyl	13.52	154	538147	38.143	ng	97
46) 2-Chloronaphthalene	13.56	162	414611	38.495	ng	98
47) 2-Nitroaniline	13.76	65	146370	43.277	ng	95
48) Acenaphthylene	14.41	152	703812	41.812	ng	100
49) Dimethylphthalate	14.14	163	559518	40.315	ng	99
50) 2,6-Dinitrotoluene	14.26	165	125267	43.863	ng	92
51) Acenaphthene	14.75	154	423409	39.276	ng	98
52) 3-Nitroaniline	14.59	138	102371	33.264	ng	98
53) 2,4-Dinitrophenol	14.79	184	122087	112.862	ng	93
54) Dibenzofuran	15.08	168	673660	39.887	ng	98
55) 4-Nitrophenol	14.89	139	216010	85.844	ng	98
56) 2,4-Dinitrotoluene	15.04	165	173277	46.554	ng	91
57) Fluorene	15.74	166	543257	43.027	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	178840	48.707	ng	96
59) Diethylphthalate	15.50	149	561865	40.171	ng	98
60) 4-Chlorophenyl-phenylether	15.73	204	308397	39.556	ng	99
61) 4-Nitroaniline	15.75	138	142392	44.215	ng	96
62) Azobenzene	16.02	77	548395	38.535	ng	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	90735	45.702	ng	94
65) n-Nitrosodiphenylamine	15.94	169	505981	37.678	ng	97
66) 4-Bromophenyl-phenylether	16.62	248	205912	38.914	ng	99
67) Hexachlorobenzene	16.74	284	209057	38.638	ng	96
68) Atrazine	16.89	200	214892	42.632	ng	97
69) Pentachlorophenol	17.08	266	271159	73.738	ng	97
70) Phenanthrene	17.48	178	940211	40.941	ng	99
71) Anthracene	17.56	178	958414	41.866	ng	98
72) Carbazole	17.83	167	868704	37.998	ng	100
73) Di-n-butylphthalate	18.39	149	989359	38.862	ng	99
74) Fluoranthene	19.48	202	1175010	41.966	ng	100
76) Benzidine	19.66	184	620347	41.213	ng	99
77) Pyrene	19.84	202	1154681	39.800	ng	98
79) Butylbenzylphthalate	20.73	149	462540	40.060	ng	97
80) Benzo(a)anthracene	21.68	228	1176164	41.151	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	289946	25.454	ng	96
82) Chrysene	21.75	228	1093672	40.369	ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	634313	39.259	ng	98
84) Di-n-octyl phthalate	22.81	149	1085776	40.233	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1371814	43.596	ng	99
87) Benzo(b)fluoranthene	23.90	252	1203096	44.074	ng	98
88) Benzo(k)fluoranthene	23.96	252	1140605	42.770	ng	99
89) Benzo(a)pyrene	24.76	252	1155292	44.043	ng	100
90) Dibenzo(a,h)anthracene	28.65	278	1090828	43.077	ng	98
91) Benzo(g,h,i)perylene	29.71	276	1119783	44.003	ng	96

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

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