Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036398.D
Acq On : 24 Aug 2018 4:40
Operator : JU/SJ
Sample : PB112252BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112252BS

Manual Integrations APPROVED
Sohil
8/24/2018 3:18:56 PM

Quant Time: Aug 24 05:51:27 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	8.07	152	54294	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	237676	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	156591	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	410442	20.00	ng	0.00
75) Chrysene-d12	21.70	240	416927	20.00	ng	0.00
86) Perylene-d12	24.92	264	441546	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	377080	110.17	ng	0.00
7) Phenol-d6	7.22	99	514394	104.97	ng	0.00
23) Nitrobenzene-d5	9.23	82	288452	65.85	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	208037	111.34	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	711489	64.87	ng	0.00
78) Terphenyl-d14	20.05	244	1248223	69.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	53546	33.522	ng	98
3) Pyridine	3.93	79	158895	35.439	ng	97
4) n-Nitrosodimethylamine	3.84	42	78924	39.521	ng	95
6) Aniline	7.39	93	205018	32.960	ng	99
8) 2-Chlorophenol	7.63	128	160254	43.175	ng	96
9) Benzaldehyde	7.20	77	110321	32.692	ng	95
10) Phenol	7.25	94	226057	44.081	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	152715	37.563	ng	97
12) 1,3-Dichlorobenzene	7.95	146	162477	38.336	ng	98
13) 1,4-Dichlorobenzene	8.10	146	163050	38.104	ng	97
14) 1,2-Dichlorobenzene	8.42	146	157008	38.421	ng	99
15) Benzyl Alcohol	8.30	79	160065	40.518	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	292881	35.721	ng	98
17) 2-Methylphenol	8.50	107	149857	44.009	ng	98
18) Hexachloroethane	9.15	117	59607	38.853	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	132593	36.204	ng	98
20) 3+4-Methylphenols	8.83	107	202476	42.590	ng	99
22) Acetophenone	8.89	105	242673	38.882	ng	98
24) Nitrobenzene	9.27	77	189593	40.136	ng	95
25) Isophorone	9.79	82	371275	42.664	ng	99
26) 2-Nitrophenol	9.98	139	78138	41.744	ng	99
27) 2,4-Dimethylphenol	10.04	122	167391	48.302	ng	100
28) bis(2-Chloroethoxy)methane	10.28	93	215374	40.326	ng	96
29) 2,4-Dichlorophenol	10.52	162	168320	44.318	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	169931	38.246	ng	98
31) Naphthalene	10.93	128	495428	41.698	ng	99
32) Benzoic acid	10.16	122	107425	42.389	ng	98
33) 4-Chloroaniline	11.03	127	131115	24.082	ng	98
34) Hexachlorobutadiene	11.22	225	113080	37.880	ng	97
35) Caprolactam	11.80	113	64922m	42.910	ng	
36) 4-Chloro-3-methylphenol	12.14	107	190679	43.207	ng	99
37) 2-Methylnaphthalene	12.53	142	387791	44.607	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	214708	38.745	ng	98
40) Hexachlorocyclopentadiene	12.87	237	274591	95.235	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	146542	43.411 ng	96
43) 2,4,5-Trichlorophenol	13.20	196	159593	44.325 ng	97
45) 1,1'-Biphenyl	13.53	154	498215	38.329 ng	99
46) 2-Chloronaphthalene	13.57	162	383174	38.614 ng	99
47) 2-Nitroaniline	13.77	65	134578	43.189 ng	99
48) Acenaphthylene	14.42	152	645096	41.597 ng	99
49) Dimethylphthalate	14.15	163	527919	41.287 ng	99
50) 2,6-Dinitrotoluene	14.26	165	112249	42.662 ng	100
51) Acenaphthene	14.76	154	430869	43.381 ng	100
52) 3-Nitroaniline	14.59	138	83489	29.446 ng	94
53) 2,4-Dinitrophenol	14.79	184	98213	98.547 ng	97
54) Dibenzofuran	15.09	168	615656	39.566 ng	98
55) 4-Nitrophenol	14.89	139	202547	87.369 ng	97
56) 2,4-Dinitrotoluene	15.05	165	160825	46.900 ng	93
57) Fluorene	15.74	166	494956	42.550 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	161513	47.745 ng	97
59) Diethylphthalate	15.51	149	525258	40.761 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	274867	38.267 ng	99
61) 4-Nitroaniline	15.75	138	130799	44.084 ng	95
62) Azobenzene	16.03	77	515349	39.306 ng	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	75306	41.767 ng	97
65) n-Nitrosodiphenylamine	15.95	169	462595	37.931 ng	98
66) 4-Bromophenyl-phenylether	16.63	248	185557	38.614 ng	96
67) Hexachlorobenzene	16.74	284	184890	37.627 ng	100
68) Atrazine	16.89	200	191445	41.822 ng	99
69) Pentachlorophenol	17.08	266	247663	74.161 ng	98
70) Phenanthrene	17.48	178	857036	41.093 ng	99
71) Anthracene	17.57	178	872354	41.961 ng	99
72) Carbazole	17.84	167	799966	38.530 ng	99
73) Di-n-butylphthalate	18.40	149	915470	39.596 ng	99
74) Fluoranthene	19.48	202	1071971	42.158 ng	100
76) Benzidine	19.66	184	593756	44.637 ng	99
77) Pyrene	19.84	202	1059362	41.319 ng	98
79) Butylbenzylphthalate	20.73	149	428488	41.995 ng	96
80) Benzo(a)anthracene	21.69	228	1071854	42.436 ng	99
81) 3,3'-Dichlorobenzidine	21.60	252	237547	23.598 ng	99
82) Chrysene	21.75	228	980794	40.967 ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	584535	40.939 ng	99
84) Di-n-octyl phthalate	22.83	149	1008818	42.300 ng	97
85) Indeno(1,2,3-cd)pyrene	28.58	276	1230673	44.257 ng	99
87) Benzo(b)fluoranthene	23.91	252	1058353	43.164 ng	97
88) Benzo(k)fluoranthene	23.97	252	1027697	42.903 ng	99
89) Benzo(a)pyrene	24.78	252	1040278	44.152 ng	100
90) Dibenzo(a,h)anthracene	28.66	278	983516	43.239 ng	99
91) Benzo(g,h,i)perylene	29.74	276	1008198	44.108 ng	98

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

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