Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036381.D
Acq On : 23 Aug 2018 17:33
Operator : JU/SJ
Sample : PB112306BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112306BS

Manual Integrations APPROVED
Sohil
8/24/2018 3:18:59 PM

Quant Time: Aug 23 18:37:46 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	51088	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	212860	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	140137	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	363767	20.00	ng	0.00
75) Chrysene-d12	21.71	240	372061	20.00	ng	0.00
86) Perylene-d12	24.93	264	398296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	405025	125.76	ng	0.00
7) Phenol-d6	7.22	99	566865	122.94	ng	0.00
23) Nitrobenzene-d5	9.23	82	327822	83.56	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	231738	138.59	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	790198	80.51	ng	0.00
78) Terphenyl-d14	20.04	244	1381440	86.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	42732	28.431	ng	98
3) Pyridine	3.93	79	131005	31.052	ng	98
4) n-Nitrosodimethylamine	3.85	42	71727	38.171	ng	100
6) Aniline	7.39	93	167643	28.643	ng	100
8) 2-Chlorophenol	7.64	128	136762	39.158	ng	96
9) Benzaldehyde	7.20	77	91422	28.791	ng	98
10) Phenol	7.25	94	195228	40.458	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	133798	34.975	ng	99
12) 1,3-Dichlorobenzene	7.96	146	135607	34.004	ng	100
13) 1,4-Dichlorobenzene	8.11	146	140050	34.783	ng	99
14) 1,2-Dichlorobenzene	8.42	146	131948	34.315	ng	95
15) Benzyl Alcohol	8.30	79	144415	38.851	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	258767	33.541	ng	99
17) 2-Methylphenol	8.50	107	130217	40.641	ng	96
18) Hexachloroethane	9.16	117	50038	34.662	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	119762	34.752	ng	95
20) 3+4-Methylphenols	8.83	107	181856	40.653	ng	97
22) Acetophenone	8.89	105	217118	38.843	ng	99
24) Nitrobenzene	9.27	77	164440	38.870	ng	98
25) Isophorone	9.80	82	331109	42.485	ng	98
26) 2-Nitrophenol	9.99	139	65050	38.803	ng	97
27) 2,4-Dimethylphenol	10.04	122	145522	46.887	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	190655	39.860	ng	97
29) 2,4-Dichlorophenol	10.51	162	148619	43.693	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	145176	36.484	ng	100
31) Naphthalene	10.93	128	439535	41.307	ng	99
32) Benzoic acid	10.16	122	85281	38.083	ng	95
33) 4-Chloroaniline	11.03	127	102509	21.023	ng	97
34) Hexachlorobutadiene	11.21	225	99496	37.215	ng	97
35) Caprolactam	11.79	113	59977m	44.263	ng	
36) 4-Chloro-3-methylphenol	12.14	107	172781	43.716	ng	98
37) 2-Methylnaphthalene	12.53	142	336915	43.273	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	189191	38.149	ng	98
40) Hexachlorocyclopentadiene	12.88	237	232917	90.267	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	127826	42.313	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	140447	43.588	ng	98
45) 1,1'-Biphenyl	13.53	154	443460	38.123	ng	97
46) 2-Chloronaphthalene	13.58	162	336287	37.868	ng	100
47) 2-Nitroaniline	13.77	65	120284	43.134	ng	97
48) Acenaphthylene	14.42	152	582988	42.006	ng	99
49) Dimethylphthalate	14.15	163	478399	41.807	ng	100
50) 2,6-Dinitrotoluene	14.26	165	99237	42.145	ng	100
51) Acenaphthene	14.76	154	369102	41.526	ng	97
52) 3-Nitroaniline	14.59	138	67153	26.465	ng	94
53) 2,4-Dinitrophenol	14.79	184	58928	66.071	ng	96
54) Dibenzofuran	15.09	168	556162	39.939	ng	99
55) 4-Nitrophenol	14.89	139	182093	87.769	ng	98
56) 2,4-Dinitrotoluene	15.05	165	137408	44.776	ng	95
57) Fluorene	15.74	166	449973	43.225	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	141249	46.657	ng	96
59) Diethylphthalate	15.51	149	481946	41.792	ng	100
60) 4-Chlorophenyl-phenylether	15.74	204	251225	39.082	ng	99
61) 4-Nitroaniline	15.76	138	113541	42.761	ng	98
62) Azobenzene	16.03	77	478225	40.757	ng	98
64) 4,6-Dinitro-2-methylphenol	15.81	198	52754	33.013	ng	97
65) n-Nitrosodiphenylamine	15.95	169	419987	38.856	ng	98
66) 4-Bromophenyl-phenylether	16.63	248	166996	39.210	ng	99
67) Hexachlorobenzene	16.74	284	170130	39.066	ng	98
68) Atrazine	16.89	200	171939	42.380	ng	95
69) Pentachlorophenol	17.08	266	210883	71.250	ng	98
70) Phenanthrene	17.48	178	783509	42.388	ng	98
71) Anthracene	17.57	178	797189	43.266	ng	99
72) Carbazole	17.83	167	719559	39.104	ng	100
73) Di-n-butylphthalate	18.40	149	837846	40.889	ng	100
74) Fluoranthene	19.49	202	967270	42.921	ng	99
76) Benzidine	19.66	184	413006	34.793	ng	99
77) Pyrene	19.84	202	957748	41.860	ng	100
79) Butylbenzylphthalate	20.74	149	381029	41.847	ng	99
80) Benzo(a)anthracene	21.69	228	962540	42.703	ng	100
81) 3,3'-Dichlorobenzidine	21.60	252	192127	21.388	ng	99
82) Chrysene	21.75	228	903393	42.284	ng	100
83) Bis(2-ethylhexyl)phthalate	21.61	149	532181	41.767	ng	100
84) Di-n-octyl phthalate	22.83	149	917178	43.095	ng	98
85) Indeno(1,2,3-cd)pyrene	28.60	276	1119346	45.108	ng	99
87) Benzo(b)fluoranthene	23.91	252	993819	44.934	ng	97
88) Benzo(k)fluoranthene	23.98	252	915291	42.359	ng	99
89) Benzo(a)pyrene	24.78	252	938298	44.148	ng	100
90) Dibenzo(a,h)anthracene	28.67	278	908195	44.264	ng	97
91) Benzo(g,h,i)perylene	29.74	276	927512	44.984	ng	98

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

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