Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036403.D
Acq On : 24 Aug 2018 7:56
Operator : JU/SJ
Sample : PB112276BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112276BSD

Manual Integrations APPROVED
Sohil
8/24/2018 3:18:58 PM

Quant Time: Aug 24 08:52:41 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	54063	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	223487	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	143773	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	381429	20.00	ng	0.00
75) Chrysene-d12	21.70	240	398765	20.00	ng	0.00
86) Perylene-d12	24.92	264	419084	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	354750	104.09	ng	0.00
7) Phenol-d6	7.22	99	502888	103.06	ng	0.00
23) Nitrobenzene-d5	9.23	82	432785	105.07	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	199052	116.03	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	999490	99.26	ng	0.00
78) Terphenyl-d14	20.04	244	1594169	93.44	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	50528	31.768	ng	98
3) Pyridine	3.93	79	158038	35.398	ng	98
4) n-Nitrosodimethylamine	3.85	42	85748	43.122	ng	94
6) Aniline	7.39	93	246216	39.752	ng	95
8) 2-Chlorophenol	7.63	128	174477	47.208	ng	98
9) Benzaldehyde	7.20	77	121849	36.262	ng	99
10) Phenol	7.25	94	248401	48.645	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	166750	41.190	ng	100
12) 1,3-Dichlorobenzene	7.96	146	176822	41.899	ng	100
13) 1,4-Dichlorobenzene	8.10	146	177704	41.706	ng	99
14) 1,2-Dichlorobenzene	8.42	146	170368	41.868	ng	98
15) Benzyl Alcohol	8.30	79	179037	45.514	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	321747	39.410	ng	100
17) 2-Methylphenol	8.50	107	165214	48.726	ng	97
18) Hexachloroethane	9.15	117	63286	41.427	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	149945	41.117	ng	94
20) 3+4-Methylphenols	8.83	107	229287	48.435	ng	97
22) Acetophenone	8.89	105	273996	46.688	ng	97
24) Nitrobenzene	9.27	77	211574	47.633	ng	96
25) Isophorone	9.79	82	419238	51.235	ng	96
26) 2-Nitrophenol	9.98	139	90163	51.226	ng	95
27) 2,4-Dimethylphenol	10.04	122	183554	56.328	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	239976	47.785	ng	98
29) 2,4-Dichlorophenol	10.52	162	192247	53.831	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	191593	45.859	ng	97
31) Naphthalene	10.93	128	547896	49.042	ng	99
32) Benzoic acid	10.17	122	124051	51.035	ng	99
33) 4-Chloroaniline	11.03	127	172024	33.602	ng	97
34) Hexachlorobutadiene	11.21	225	125741	44.795	ng	99
35) Caprolactam	11.80	113	75682m	53.197	ng	
36) 4-Chloro-3-methylphenol	12.15	107	212247	51.148	ng	98
37) 2-Methylnaphthalene	12.53	142	424817	51.969	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	240513	47.271	ng	99
40) Hexachlorocyclopentadiene	12.87	237	310549	117.309	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	165006	53.239 ng	98
43) 2,4,5-Trichlorophenol	13.20	196	180620	54.638 ng	99
45) 1,1'-Biphenyl	13.53	154	554947	46.500 ng	97
46) 2-Chloronaphthalene	13.57	162	417449	45.819 ng	97
47) 2-Nitroaniline	13.77	65	153342	53.598 ng	95
48) Acenaphthylene	14.41	152	722899	50.770 ng	99
49) Dimethylphthalate	14.15	163	586047	49.919 ng	99
50) 2,6-Dinitrotoluene	14.26	165	127307	52.699 ng	96
51) Acenaphthene	14.76	154	476331	52.234 ng	97
52) 3-Nitroaniline	14.59	138	105171	40.399 ng	96
53) 2,4-Dinitrophenol	14.79	184	104936	114.680 ng	98
54) Dibenzofuran	15.09	168	681818	47.724 ng	99
55) 4-Nitrophenol	14.89	139	234797	110.310 ng	95
56) 2,4-Dinitrotoluene	15.05	165	177902	56.505 ng	91
57) Fluorene	15.74	166	547830	51.294 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	179339	57.741 ng	98
59) Diethylphthalate	15.51	149	584847	49.432 ng	100
60) 4-Chlorophenyl-phenylether	15.73	204	308703	46.809 ng	99
61) 4-Nitroaniline	15.76	138	146006	53.597 ng	94
62) Azobenzene	16.02	77	569711	47.326 ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	88069	52.561 ng	96
65) n-Nitrosodiphenylamine	15.95	169	507036	44.738 ng	97
66) 4-Bromophenyl-phenylether	16.63	248	205881	46.102 ng	99
67) Hexachlorobenzene	16.74	284	206854	45.299 ng	98
68) Atrazine	16.89	200	220522	51.838 ng	100
69) Pentachlorophenol	17.08	266	276685	89.153 ng	97
70) Phenanthrene	17.48	178	949610	48.996 ng	98
71) Anthracene	17.57	178	964681	49.932 ng	98
72) Carbazole	17.83	167	887038	45.973 ng	98
73) Di-n-butylphthalate	18.40	149	1021757	47.555 ng	100
74) Fluoranthene	19.48	202	1198988	50.740 ng	99
76) Benzidine	19.66	184	720227	56.611 ng	99
77) Pyrene	19.84	202	1175641	47.943 ng	99
79) Butylbenzylphthalate	20.73	149	488853	50.093 ng	96
80) Benzo(a)anthracene	21.69	228	1200928	49.712 ng	98
81) 3,3'-Dichlorobenzidine	21.60	252	311161	32.319 ng	100
82) Chrysene	21.75	228	1121759	48.989 ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	666914	48.836 ng	99
84) Di-n-octyl phthalate	22.83	149	1132997	49.671 ng	99
85) Indeno(1,2,3-cd)pyrene	28.59	276	1403897	52.786 ng	99
87) Benzo(b)fluoranthene	23.91	252	1215364	52.225 ng	97
88) Benzo(k)fluoranthene	23.97	252	1155288	50.814 ng	98
89) Benzo(a)pyrene	24.78	252	1180616	52.794 ng	100
90) Dibenzo(a,h)anthracene	28.66	278	1125304	52.125 ng	98
91) Benzo(g,h,i)perylene	29.74	276	1157685	53.362 ng	98

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

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