Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036402.D
Acq On : 24 Aug 2018 7:17
Operator : JU/SJ
Sample : PB112276BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112276BS

Manual Integrations APPROVED
Sohil
8/24/2018 3:18:57 PM

Quant Time: Aug 24 08:51:31 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	51596	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	211710	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	142434	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	371451	20.00	ng	0.00
75) Chrysene-d12	21.70	240	388439	20.00	ng	0.00
86) Perylene-d12	24.92	264	417397	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	324819	99.86	ng	0.00
7) Phenol-d6	7.23	99	455405	97.79	ng	0.00
23) Nitrobenzene-d5	9.23	82	396081	101.51	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	183775	108.13	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	909594	91.18	ng	0.00
78) Terphenyl-d14	20.04	244	1489150	89.61	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	50258	33.109	ng	99
3) Pyridine	3.93	79	151755	35.616	ng	100
4) n-Nitrosodimethylamine	3.85	42	83024	43.748	ng	94
6) Aniline	7.39	93	221562	37.482	ng	99
8) 2-Chlorophenol	7.63	128	165622	46.955	ng	97
9) Benzaldehyde	7.20	77	112444	35.063	ng	98
10) Phenol	7.25	94	231830	47.570	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	157356	40.728	ng	100
12) 1,3-Dichlorobenzene	7.95	146	162646	40.383	ng	99
13) 1,4-Dichlorobenzene	8.10	146	166127	40.854	ng	99
14) 1,2-Dichlorobenzene	8.42	146	157148	40.466	ng	98
15) Benzyl Alcohol	8.30	79	169199	45.070	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	307681	39.489	ng	98
17) 2-Methylphenol	8.50	107	154910	47.871	ng	96
18) Hexachloroethane	9.15	117	60013	41.163	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	139200	39.995	ng	100
20) 3+4-Methylphenols	8.83	107	214173	47.406	ng	96
22) Acetophenone	8.89	105	255685	45.992	ng	99
24) Nitrobenzene	9.27	77	202663	48.165	ng	98
25) Isophorone	9.79	82	393878	50.813	ng	98
26) 2-Nitrophenol	9.98	139	83622	50.153	ng	99
27) 2,4-Dimethylphenol	10.04	122	174374	56.488	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	225375	47.374	ng	100
29) 2,4-Dichlorophenol	10.52	162	179050	52.925	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	176670	44.640	ng	97
31) Naphthalene	10.93	128	518326	48.976	ng	99
32) Benzoic acid	10.17	122	118122	51.276	ng	95
33) 4-Chloroaniline	11.03	127	144526	29.801	ng	99
34) Hexachlorobutadiene	11.22	225	116794	43.923	ng	97
35) Caprolactam	11.80	113	71140m	52.786	ng	
36) 4-Chloro-3-methylphenol	12.14	107	202784	51.586	ng	99
37) 2-Methylnaphthalene	12.53	142	402113	51.928	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	226037	44.844	ng	99
40) Hexachlorocyclopentadiene	12.87	237	295298	112.597	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	154798	50.415	ng		98
43) 2,4,5-Trichlorophenol	13.20	196	170013	51.913	ng		99
45) 1,1'-Biphenyl	13.53	154	522876	44.225	ng		97
46) 2-Chloronaphthalene	13.57	162	396989	43.983	ng		99
47) 2-Nitroaniline	13.77	65	145203	51.230	ng		98
48) Acenaphthylene	14.42	152	685637	48.605	ng		100
49) Dimethylphthalate	14.15	163	552587	47.512	ng		98
50) 2,6-Dinitrotoluene	14.26	165	120127	50.194	ng		98
51) Acenaphthene	14.76	154	464765	51.445	ng		98
52) 3-Nitroaniline	14.59	138	93114	36.104	ng		98
53) 2,4-Dinitrophenol	14.79	184	107789	118.906	ng		98
54) Dibenzofuran	15.09	168	647440	45.744	ng		100
55) 4-Nitrophenol	14.89	139	216790	102.808	ng		100
56) 2,4-Dinitrotoluene	15.05	165	167788	53.793	ng	#	97
57) Fluorene	15.74	166	524309	49.553	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	168207	54.666	ng		98
59) Diethylphthalate	15.51	149	556673	47.493	ng		99
60) 4-Chlorophenyl-phenylether	15.73	204	294271	45.040	ng		100
61) 4-Nitroaniline	15.76	138	140309	51.990	ng		95
62) Azobenzene	16.03	77	552332	46.314	ng		98
64) 4,6-Dinitro-2-methylphenol	15.81	198	81623	50.023	ng		97
65) n-Nitrosodiphenylamine	15.95	169	489282	44.331	ng		98
66) 4-Bromophenyl-phenylether	16.63	248	199389	45.848	ng		99
67) Hexachlorobenzene	16.74	284	200998	45.199	ng		99
68) Atrazine	16.89	200	204780	49.431	ng		99
69) Pentachlorophenol	17.08	266	263678	87.244	ng		97
70) Phenanthrene	17.48	178	915708	48.516	ng		98
71) Anthracene	17.57	178	925437	49.187	ng		98
72) Carbazole	17.84	167	844060	44.921	ng		100
73) Di-n-butylphthalate	18.40	149	988842	47.259	ng		100
74) Fluoranthene	19.48	202	1147945	49.885	ng		100
76) Benzidine	19.66	184	659520	53.217	ng		99
77) Pyrene	19.84	202	1131794	47.382	ng		98
79) Butylbenzylphthalate	20.73	149	461247	48.521	ng		96
80) Benzo(a)anthracene	21.69	228	1159084	49.255	ng		100
81) 3,3'-Dichlorobenzidine	21.60	252	272140	29.017	ng		99
82) Chrysene	21.75	228	1065874	47.785	ng		98
83) Bis(2-ethylhexyl)phthalate	21.60	149	633041	47.588	ng		100
84) Di-n-octyl phthalate	22.83	149	1101899	49.592	ng		98
85) Indeno(1,2,3-cd)pyrene	28.60	276	1341350	51.775	ng	#	95
87) Benzo(b)fluoranthene	23.91	252	1187089	51.216	ng		97
88) Benzo(k)fluoranthene	23.98	252	1087371	48.020	ng		98
89) Benzo(a)pyrene	24.78	252	1125423	50.530	ng		100
90) Dibenzo(a,h)anthracene	28.67	278	1081266	50.287	ng		97
91) Benzo(g,h,i)perylene	29.74	276	1111996	51.463	ng		95

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

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