Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037478.D
Acq On : 23 Oct 2018 16:12
Operator : JU/SJ
Sample : PB114087BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114087BS

Manual Integrations APPROVED
Sohil
10/24/2018 10:56:02 AM

Quant Time: Oct 24 04:54:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51748	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	238070	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	156957	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	384513	20.00	ng		0.00
76) Chrysene-d12	21.77	240	349734	20.00	ng		0.00
87) Perylene-d12	25.11	264	370265	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	495724	160.16	ng		0.00
7) Phenol-d6	7.25	99	701391	149.86	ng		0.00
23) Nitrobenzene-d5	9.29	82	326271	76.77	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	246268	143.86	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	786926	75.60	ng		0.00
79) Terphenyl-d14	20.09	244	1190860	72.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	49763	31.703	ng		97
3) Pyridine	3.93	79	146009	36.905	ng		95
4) n-Nitrosodimethylamine	3.85	42	67200	47.687	ng	#	93
6) Aniline	7.43	93	210462	36.860	ng		99
8) 2-Chlorophenol	7.67	128	165711	45.764	ng		99
9) Benzaldehyde	7.25	77	95568	32.642	ng		99
10) Phenol	7.28	94	218376	44.221	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	151588	40.416	ng		98
12) 1,3-Dichlorobenzene	7.99	146	160065	39.707	ng		99
13) 1,4-Dichlorobenzene	8.15	146	161668	39.207	ng		99
14) 1,2-Dichlorobenzene	8.46	146	156788	39.528	ng		99
15) Benzyl Alcohol	8.35	79	147193	42.562	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	281378	41.928	ng		99
17) 2-Methylphenol	8.53	107	147543	45.192	ng		96
18) Hexachloroethane	9.19	117	56888	40.468	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	126217	39.162	ng		95
20) 3+4-Methylphenols	8.86	107	204065	43.718	ng		98
22) Acetophenone	8.93	105	238735	39.985	ng		98
24) Nitrobenzene	9.33	77	179543	40.667	ng		94
25) Isophorone	9.84	82	355171	45.739	ng		96
26) 2-Nitrophenol	10.04	139	77875	39.155	ng		97
27) 2,4-Dimethylphenol	10.08	122	174704	49.197	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	218090	42.867	ng		97
29) 2,4-Dichlorophenol	10.57	162	171871	43.469	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	167043	38.850	ng		96
31) Naphthalene	10.98	128	507281	43.382	ng		100
32) Benzoic acid	10.20	122	93152	40.387	ng		99
33) 4-Chloroaniline	11.09	127	152526	27.761	ng		98
34) Hexachlorobutadiene	11.24	225	96269	37.777	ng		98
35) Caprolactam	11.87	113	64984m	40.980	ng		
36) 4-Chloro-3-methylphenol	12.19	107	187213	41.985	ng		99
37) 2-Methylnaphthalene	12.58	142	382091	44.825	ng		99
38) 1-Methylnaphthalene	12.79	142	365126	44.108	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	192567	38.036	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	230842	95.455	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	142094	42.011	ng		95
44) 2,4,5-Trichlorophenol	13.24	196	155964	42.352	ng		97
46) 1,1'-Biphenyl	13.58	154	493255	37.946	ng		99
47) 2-Chloronaphthalene	13.62	162	390575	39.716	ng		99
48) 2-Nitroaniline	13.83	65	123571	41.436	ng		94
49) Acenaphthylene	14.47	152	657387	44.438	ng		100
50) Dimethylphthalate	14.19	163	514388	42.363	ng		100
51) 2,6-Dinitrotoluene	14.32	165	112564	41.905	ng		99
52) Acenaphthene	14.80	154	374578	41.114	ng		100
53) 3-Nitroaniline	14.65	138	99826	33.476	ng	#	97
54) 2,4-Dinitrophenol	14.85	184	84532	74.370	ng		93
55) Dibenzofuran	15.14	168	607954	40.276	ng		99
56) 4-Nitrophenol	14.94	139	273904	124.091	ng		97
57) 2,4-Dinitrotoluene	15.10	165	158391	44.920	ng	#	96
58) Fluorene	15.79	166	495781	43.860	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	135729	43.047	ng		98
60) Diethylphthalate	15.54	149	529416	42.468	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	259793	39.431	ng		99
62) 4-Nitroaniline	15.81	138	130990	44.207	ng		93
63) Azobenzene	16.07	77	503414	42.325	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	71013	37.464	ng		95
66) n-Nitrosodiphenylamine	15.99	169	456277	39.449	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	160738	38.066	ng		99
68) Hexachlorobenzene	16.78	284	162313	37.089	ng		98
69) Atrazine	16.93	200	170266	40.716	ng		98
70) Pentachlorophenol	17.12	266	194018	66.186	ng		96
71) Phenanthrene	17.53	178	826997	42.319	ng		99
72) Anthracene	17.62	178	842099	43.910	ng		98
73) Carbazole	17.89	167	774050	40.350	ng		99
74) Di-n-butylphthalate	18.43	149	913488	42.806	ng		99
75) Fluoranthene	19.53	202	980014	44.216	ng		99
77) Benzidine	19.72	184	486104	40.877	ng		99
78) Pyrene	19.90	202	966735	42.285	ng		100
80) Butylbenzylphthalate	20.77	149	407443	43.545	ng		100
81) Benzo(a)anthracene	21.75	228	901679	43.588	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	243733	30.397	ng		98
83) Chrysene	21.82	228	844504	42.456	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	573556	43.731	ng		100
85) Di-n-octyl phthalate	22.88	149	957377	44.764	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	936274	43.885	ng	#	96
88) Benzo(b)fluoranthene	24.04	252	879528	43.328	ng		99
89) Benzo(k)fluoranthene	24.11	252	848764	42.677	ng		98
90) Benzo(a)pyrene	24.95	252	850149	44.074	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	761705	42.810	ng		98
92) Benzo(g,h,i)perylene	30.14	276	781205	43.398	ng		98

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

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