Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102618\
Data File : BG037581.D
Acq On : 26 Oct 2018 15:12
Operator : JU/SJ
Sample : PB114176BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 27 03:46:07 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

Instrument :
BNA_G
ClientSampleId :
PB114176BS

Manual Integrations APPROVED
Sohil
10/29/2018 2:16:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	49821	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	234340	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	159262	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	378567	20.00	ng		0.00
76) Chrysene-d12	21.77	240	338830	20.00	ng		0.00
87) Perylene-d12	25.10	264	346814	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	485150	162.80	ng		0.00
7) Phenol-d6	7.25	99	685120	152.04	ng		0.00
23) Nitrobenzene-d5	9.28	82	321984	76.97	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	251457	144.76	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	780962	73.94	ng		0.00
79) Terphenyl-d14	20.08	244	1150189	72.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	49253	32.591	ng		96
3) Pyridine	3.93	79	141626	37.182	ng		93
4) n-Nitrosodimethylamine	3.85	42	63475	46.786	ng	#	93
6) Aniline	7.42	93	183726	33.422	ng		97
8) 2-Chlorophenol	7.66	128	160388	46.007	ng		99
9) Benzaldehyde	7.24	77	88934	31.551	ng		97
10) Phenol	7.28	94	217403	45.726	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	147922	40.964	ng		95
12) 1,3-Dichlorobenzene	7.99	146	158097	40.736	ng		97
13) 1,4-Dichlorobenzene	8.14	146	159209	40.104	ng		99
14) 1,2-Dichlorobenzene	8.46	146	153693	40.246	ng		99
15) Benzyl Alcohol	8.34	79	145196	43.608	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	266803	41.294	ng		99
17) 2-Methylphenol	8.54	107	146438	46.588	ng		98
18) Hexachloroethane	9.18	117	56616	41.832	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	121598	39.188	ng		95
20) 3+4-Methylphenols	8.86	107	203816	45.353	ng		98
22) Acetophenone	8.93	105	232769	39.606	ng	#	97
24) Nitrobenzene	9.32	77	180456	41.525	ng		94
25) Isophorone	9.84	82	350916	45.911	ng		98
26) 2-Nitrophenol	10.03	139	89009	45.466	ng		94
27) 2,4-Dimethylphenol	10.07	122	173268	49.569	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	213561	42.645	ng		100
29) 2,4-Dichlorophenol	10.56	162	174301	44.786	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	166249	39.281	ng		97
31) Naphthalene	10.97	128	492305	42.771	ng		100
32) Benzoic acid	10.19	122	111481	49.103	ng		96
33) 4-Chloroaniline	11.09	127	127460	23.568	ng		98
34) Hexachlorobutadiene	11.24	225	95954	38.253	ng		99
35) Caprolactam	11.87	113	64553m	41.357	ng		
36) 4-Chloro-3-methylphenol	12.19	107	191545	43.641	ng		99
37) 2-Methylnaphthalene	12.57	142	376584	44.882	ng		100
38) 1-Methylnaphthalene	12.79	142	360376	44.227	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	189775	36.942	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	231168	94.207	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	147764	43.055	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	161163	43.130	ng		98
46) 1,1'-Biphenyl	13.57	154	488299	37.021	ng		99
47) 2-Chloronaphthalene	13.62	162	386679	38.751	ng		98
48) 2-Nitroaniline	13.82	65	131204	43.359	ng		98
49) Acenaphthylene	14.46	152	651469	43.401	ng		99
50) Dimethylphthalate	14.19	163	516771	41.943	ng		98
51) 2,6-Dinitrotoluene	14.32	165	117443	43.089	ng		94
52) Acenaphthene	14.80	154	378963	40.994	ng		98
53) 3-Nitroaniline	14.65	138	95250	31.479	ng	#	95
54) 2,4-Dinitrophenol	14.85	184	82402	72.582	ng		94
55) Dibenzofuran	15.13	168	613681	40.067	ng		100
56) 4-Nitrophenol	14.95	139	265420	118.507	ng		97
57) 2,4-Dinitrotoluene	15.10	165	161642	45.179	ng	#	96
58) Fluorene	15.78	166	497953	43.414	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	143061	44.716	ng		100
60) Diethylphthalate	15.54	149	517985	40.950	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	260305	38.937	ng		99
62) 4-Nitroaniline	15.81	138	127315	42.345	ng		92
63) Azobenzene	16.06	77	498400	41.297	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	77546	40.624	ng		97
66) n-Nitrosodiphenylamine	15.99	169	455429	39.994	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	162211	39.018	ng		99
68) Hexachlorobenzene	16.77	284	164949	38.283	ng		99
69) Atrazine	16.93	200	167032	40.570	ng		99
70) Pentachlorophenol	17.12	266	193721	67.123	ng		97
71) Phenanthrene	17.52	178	820898	42.666	ng		100
72) Anthracene	17.62	178	832586	44.096	ng		99
73) Carbazole	17.89	167	751268	39.777	ng		99
74) Di-n-butylphthalate	18.42	149	890317	42.376	ng		100
75) Fluoranthene	19.53	202	944936	43.303	ng		99
77) Benzidine	19.72	184	365922	31.761	ng		99
78) Pyrene	19.89	202	931012	42.033	ng		99
80) Butylbenzylphthalate	20.76	149	394794	43.551	ng		99
81) Benzo(a)anthracene	21.75	228	863207	43.071	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	226946	29.215	ng		99
83) Chrysene	21.81	228	812619	42.167	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	556418	43.790	ng		99
85) Di-n-octyl phthalate	22.87	149	936378	45.192	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	892017	43.156	ng		99
88) Benzo(b)fluoranthene	24.03	252	854341	44.933	ng		99
89) Benzo(k)fluoranthene	24.11	252	821173	44.082	ng		98
90) Benzo(a)pyrene	24.95	252	818311	45.292	ng		100
91) Dibenzo(a,h)anthracene	28.99	278	724315	43.461	ng		98
92) Benzo(g,h,i)perylene	30.13	276	716545	42.498	ng		99

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

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