Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038091.D
Acq On : 20 Nov 2018 18:48
Operator : JU/SJ
Sample : PB114970BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114970BS

Manual Integrations APPROVED
Sohil
11/21/2018 3:23:10 PM

Quant Time: Nov 21 03:53:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40762	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	169501	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	104881	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	245134	20.00	ng		0.00
76) Chrysene-d12	21.75	240	230829	20.00	ng		0.00
87) Perylene-d12	25.07	264	247621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	346812	146.90	ng		0.00
7) Phenol-d6	7.24	99	459073	136.22	ng		0.00
23) Nitrobenzene-d5	9.26	82	214957	67.89	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	157241	131.46	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	467633	64.96	ng		0.00
79) Terphenyl-d14	20.07	244	738886	75.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	42134	37.784	ng	#	97
3) Pyridine	3.91	79	120719	37.950	ng		99
4) n-Nitrosodimethylamine	3.84	42	60489	52.414	ng	#	93
6) Aniline	7.41	93	143563	33.007	ng		94
8) 2-Chlorophenol	7.65	128	128507	46.911	ng		99
9) Benzaldehyde	7.23	77	73511	30.163	ng		99
10) Phenol	7.26	94	163881	45.911	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	119490	41.003	ng		99
12) 1,3-Dichlorobenzene	7.97	146	130716	41.420	ng		95
13) 1,4-Dichlorobenzene	8.12	146	134743	42.267	ng		99
14) 1,2-Dichlorobenzene	8.44	146	127566	41.913	ng		99
15) Benzyl Alcohol	8.33	79	111092	45.557	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	239843	44.323	ng		99
17) 2-Methylphenol	8.52	107	113387	46.984	ng		99
18) Hexachloroethane	9.17	117	49357	42.542	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	96553	39.596	ng		98
20) 3+4-Methylphenols	8.85	107	151764	44.361	ng		96
22) Acetophenone	8.91	105	183187	43.437	ng	#	96
24) Nitrobenzene	9.31	77	148149	45.737	ng		96
25) Isophorone	9.82	82	267841	46.995	ng		99
26) 2-Nitrophenol	10.02	139	70786	43.774	ng		98
27) 2,4-Dimethylphenol	10.06	122	127431	52.303	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	167734	46.025	ng		98
29) 2,4-Dichlorophenol	10.55	162	127307	46.454	ng		96
30) 1,2,4-Trichlorobenzene	10.76	180	132048	42.999	ng		99
31) Naphthalene	10.96	128	387734	46.508	ng		99
32) Benzoic acid	10.19	122	65609	43.409	ng		94
33) 4-Chloroaniline	11.07	127	98023	25.277	ng		96
34) Hexachlorobutadiene	11.22	225	78832	41.709	ng		94
35) Caprolactam	11.85	113	45181m	41.189	ng		
36) 4-Chloro-3-methylphenol	12.18	107	136336	45.536	ng		98
37) 2-Methylnaphthalene	12.56	142	283839	47.398	ng		99
38) 1-Methylnaphthalene	12.77	142	268685	46.612	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	144945	41.358	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	185164	98.667	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	104997	43.965	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	112874	44.919	ng		95
46) 1,1'-Biphenyl	13.56	154	358980	40.741	ng		99
47) 2-Chloronaphthalene	13.60	162	285979	42.533	ng		99
48) 2-Nitroaniline	13.81	65	97453	46.052	ng		95
49) Acenaphthylene	14.45	152	474028	46.883	ng		99
50) Dimethylphthalate	14.17	163	360084	43.307	ng		99
51) 2,6-Dinitrotoluene	14.30	165	83763	44.511	ng		96
52) Acenaphthene	14.78	154	273189	44.881	ng		97
53) 3-Nitroaniline	14.64	138	68046	32.769	ng	#	94
54) 2,4-Dinitrophenol	14.84	184	81910	80.574	ng	#	90
55) Dibenzofuran	15.12	168	438277	43.544	ng		98
56) 4-Nitrophenol	14.93	139	144058	89.950	ng		99
57) 2,4-Dinitrotoluene	15.08	165	120192	46.942	ng		98
58) Fluorene	15.77	166	350280	46.643	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	99304	47.228	ng		97
60) Diethylphthalate	15.52	149	375910	42.565	ng		100
61) 4-Chlorophenyl-phenylether	15.75	204	183041	41.655	ng		99
62) 4-Nitroaniline	15.80	138	94459	45.791	ng		96
63) Azobenzene	16.05	77	349141	44.216	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	64325	41.487	ng		99
66) n-Nitrosodiphenylamine	15.97	169	318433	42.939	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	113117	42.042	ng		97
68) Hexachlorobenzene	16.76	284	115629	41.635	ng		98
69) Atrazine	16.91	200	120468	44.066	ng		97
70) Pentachlorophenol	17.11	266	134360	71.234	ng		96
71) Phenanthrene	17.51	178	583831	46.518	ng		100
72) Anthracene	17.60	178	597702	48.313	ng		99
73) Carbazole	17.87	167	551863	44.461	ng		99
74) Di-n-butylphthalate	18.41	149	660787	47.425	ng		99
75) Fluoranthene	19.52	202	701219	48.970	ng		100
77) Benzidine	19.70	184	323449	39.934	ng		99
78) Pyrene	19.88	202	710721	47.093	ng		98
80) Butylbenzylphthalate	20.75	149	310359	47.025	ng		98
81) Benzo(a)anthracene	21.73	228	672966	48.244	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	176648	32.510	ng		98
83) Chrysene	21.80	228	617001	46.230	ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	431889	45.887	ng		100
85) Di-n-octyl phthalate	22.84	149	750272	49.273	ng		99
86) Indeno(1,2,3-cd)pyrene	28.89	276	738751	49.838	ng	#	96
88) Benzo(b)fluoranthene	24.01	252	648740	47.608	ng		99
89) Benzo(k)fluoranthene	24.08	252	651945	48.486	ng		99
90) Benzo(a)pyrene	24.92	252	647007	49.683	ng		99
91) Dibenzo(a,h)anthracene	28.96	278	593227	47.344	ng		97
92) Benzo(g,h,i)perylene	30.09	276	600221	48.176	ng		100

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

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