Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040212.D
Acq On : 28 Mar 2019 23:44
Operator : JU/SJ
Sample : PB118375BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118375BS

Manual Integrations APPROVED
Sohil
3/29/2019 4:45:40 PM

Quant Time: Mar 29 08:04:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69618	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	280629	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	178809	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	458360	20.00	ng		0.00
76) Chrysene-d12	21.73	240	441867	20.00	ng		0.00
87) Perylene-d12	25.03	264	436726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	589398	140.74	ng		0.00
7) Phenol-d6	7.23	99	803836	138.89	ng		0.00
23) Nitrobenzene-d5	9.24	82	475101	89.99	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	304229	157.43	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1079525	89.46	ng		0.00
79) Terphenyl-d14	20.04	244	1661916	84.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	59365	30.147	ng		97
3) Pyridine	3.92	79	164770	31.078	ng		99
4) n-Nitrosodimethylamine	3.84	42	89474	36.483	ng	#	93
6) Aniline	7.40	93	236287	31.424	ng		96
8) 2-Chlorophenol	7.63	128	199209	40.637	ng		96
9) Benzaldehyde	7.21	77	98054	24.699	ng		93
10) Phenol	7.25	94	263023	41.870	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	188944	37.553	ng		97
12) 1,3-Dichlorobenzene	7.96	146	204347	38.346	ng		98
13) 1,4-Dichlorobenzene	8.11	146	209887	39.545	ng		97
14) 1,2-Dichlorobenzene	8.42	146	195547	38.527	ng		98
15) Benzyl Alcohol	8.31	79	183412	39.350	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	355056	36.769	ng		98
17) 2-Methylphenol	8.50	107	181233	41.692	ng		97
18) Hexachloroethane	9.14	117	76491	37.888	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	152908	36.849	ng		98
20) 3+4-Methylphenols	8.83	107	246171	41.803	ng		100
22) Acetophenone	8.90	105	300957	42.992	ng		98
24) Nitrobenzene	9.29	77	225908	41.321	ng		99
25) Isophorone	9.80	82	447485	41.193	ng		98
26) 2-Nitrophenol	10.00	139	109359	42.214	ng		98
27) 2,4-Dimethylphenol	10.04	122	199554	48.495	ng		95
28) bis(2-Chloroethoxy)methane	10.28	93	261867	40.745	ng		98
29) 2,4-Dichlorophenol	10.53	162	206634	46.263	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	207835	42.377	ng		98
31) Naphthalene	10.94	128	612171	42.558	ng		98
32) Benzoic acid	10.20	122	103722	41.719	ng		98
33) 4-Chloroaniline	11.05	127	115077	18.755	ng		96
34) Hexachlorobutadiene	11.20	225	126318	40.273	ng		97
35) Caprolactam	11.84	113	79206m	44.686	ng		
36) 4-Chloro-3-methylphenol	12.16	107	236984	46.153	ng		99
37) 2-Methylnaphthalene	12.54	142	461974	43.425	ng		99
38) 1-Methylnaphthalene	12.75	142	442328	42.878	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	234549	41.271	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	292487	93.732	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	169096	46.149	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	182106	45.597	ng		97
46) 1,1'-Biphenyl	13.53	154	595517	42.151	ng		99
47) 2-Chloronaphthalene	13.59	162	465439	42.948	ng		99
48) 2-Nitroaniline	13.80	65	161264	44.115	ng		99
49) Acenaphthylene	14.43	152	778627	42.376	ng		99
50) Dimethylphthalate	14.15	163	627887	44.867	ng		99
51) 2,6-Dinitrotoluene	14.29	165	144876	46.106	ng		95
52) Acenaphthene	14.77	154	454958	43.211	ng		99
53) 3-Nitroaniline	14.62	138	87845	26.411	ng	#	87
54) 2,4-Dinitrophenol	14.83	184	174137	104.205	ng		92
55) Dibenzofuran	15.10	168	743496	43.946	ng		98
56) 4-Nitrophenol	14.92	139	253701	94.507	ng		98
57) 2,4-Dinitrotoluene	15.07	165	207139	47.442	ng		98
58) Fluorene	15.75	166	589132	44.291	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	174815	48.236	ng		100
60) Diethylphthalate	15.51	149	657009	45.880	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	318169	44.750	ng		97
62) 4-Nitroaniline	15.78	138	163347	45.762	ng		99
63) Azobenzene	16.03	77	598241	44.289	ng		99
65) 4,6-Dinitro-2-methylphenol	15.83	198	126151	48.988	ng		96
66) n-Nitrosodiphenylamine	15.95	169	558844	41.665	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	217057	42.080	ng		99
68) Hexachlorobenzene	16.74	284	221861	42.778	ng		98
69) Atrazine	16.89	200	203786	40.843	ng		96
70) Pentachlorophenol	17.09	266	275339	91.829	ng		95
71) Phenanthrene	17.49	178	1020096	42.341	ng		99
72) Anthracene	17.58	178	1042010	43.211	ng		99
73) Carbazole	17.85	167	989042	43.338	ng		99
74) Di-n-butylphthalate	18.39	149	1160181	42.888	ng		99
75) Fluoranthene	19.50	202	1244381	43.619	ng		99
77) Benzidine	19.68	184	472533	29.614	ng		100
78) Pyrene	19.86	202	1239435	42.654	ng		99
80) Butylbenzylphthalate	20.73	149	544163	43.764	ng		96
81) Benzo(a)anthracene	21.71	228	1170780	43.017	ng		97
82) 3,3'-Dichlorobenzidine	21.62	252	278143	26.865	ng		99
83) Chrysene	21.78	228	1096782	41.931	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	754190	42.432	ng		98
85) Di-n-octyl phthalate	22.81	149	1284682	42.422	ng		100
86) Indeno(1,2,3-cd)pyrene	28.82	276	1390575	43.467	ng		100
88) Benzo(b)fluoranthene	23.97	252	1204546	45.050	ng		99
89) Benzo(k)fluoranthene	24.05	252	1167776	47.492	ng		98
90) Benzo(a)pyrene	24.87	252	1190009	47.435	ng		100
91) Dibenzo(a,h)anthracene	28.89	278	1125904	48.322	ng		100
92) Benzo(g,h,i)perylene	30.02	276	1161914	48.523	ng		100

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

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