Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039877.D
Acq On : 12 Mar 2019 16:54
Operator : JU/SJ
Sample : PB117829BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Manual Integrations APPROVED
Sohil
3/13/2019 5:49:27 PM

Quant Time: Mar 13 06:41:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36058	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	156288	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	112344	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	287074	20.00	ng		0.00
76) Chrysene-d12	21.82	240	296367	20.00	ng		0.00
87) Perylene-d12	25.18	264	277119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	310222	146.78	ng		0.00
7) Phenol-d6	7.30	99	439866	139.57	ng		0.00
23) Nitrobenzene-d5	9.33	82	231816	80.22	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	181611	138.69	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	585835	74.25	ng		0.00
79) Terphenyl-d14	20.12	244	1050418	78.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	39867	40.856	ng		96
3) Pyridine	3.99	79	98506	37.708	ng		98
4) n-Nitrosodimethylamine	3.91	42	53039	42.798	ng		91
6) Aniline	7.48	93	119246	28.881	ng		99
8) 2-Chlorophenol	7.71	128	110462	43.079	ng		99
9) Benzaldehyde	7.29	77	49857	24.525	ng		97
10) Phenol	7.33	94	156233	45.762	ng		96
11) bis(2-Chloroethyl)ether	7.57	93	105645	39.689	ng		96
12) 1,3-Dichlorobenzene	8.04	146	115629	39.872	ng		97
13) 1,4-Dichlorobenzene	8.19	146	117374	39.735	ng		98
14) 1,2-Dichlorobenzene	8.51	146	111517	39.073	ng		98
15) Benzyl Alcohol	8.39	79	107455	42.983	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	206451	38.779	ng		97
17) 2-Methylphenol	8.59	107	99609	45.756	ng		98
18) Hexachloroethane	9.24	117	40689	38.389	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	85767	37.810	ng		94
20) 3+4-Methylphenols	8.91	107	136137	45.015	ng		98
22) Acetophenone	8.98	105	164411	39.195	ng	#	95
24) Nitrobenzene	9.37	77	130222	42.956	ng		98
25) Isophorone	9.88	82	247307	40.844	ng		99
26) 2-Nitrophenol	10.08	139	64892	44.335	ng	#	94
27) 2,4-Dimethylphenol	10.13	122	118648	52.121	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	149519	40.635	ng		100
29) 2,4-Dichlorophenol	10.61	162	125146	48.828	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	119580	41.463	ng		99
31) Naphthalene	11.02	128	345107	41.706	ng		99
32) Benzoic acid	10.26	122	67103	43.629	ng		98
33) 4-Chloroaniline	11.14	127	88404	25.195	ng		92
34) Hexachlorobutadiene	11.29	225	78009	39.582	ng		93
35) Caprolactam	11.92	113	43195m	44.119	ng		
36) 4-Chloro-3-methylphenol	12.23	107	136837	46.575	ng		99
37) 2-Methylnaphthalene	12.62	142	268584	43.415	ng		97
38) 1-Methylnaphthalene	12.83	142	254129	42.270	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	146695	38.544	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	174380	85.496	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	102553	46.025	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	113161	45.056	ng		99
46) 1,1'-Biphenyl	13.61	154	363291	39.317	ng		99
47) 2-Chloronaphthalene	13.67	162	280436	40.343	ng		98
48) 2-Nitroaniline	13.87	65	101128	45.269	ng		95
49) Acenaphthylene	14.51	152	460514	40.356	ng		98
50) Dimethylphthalate	14.23	163	379204	40.366	ng		99
51) 2,6-Dinitrotoluene	14.36	165	85901	43.134	ng		92
52) Acenaphthene	14.84	154	278128	40.495	ng		100
53) 3-Nitroaniline	14.69	138	59300	29.622	ng	#	98
54) 2,4-Dinitrophenol	14.90	184	90823	72.821	ng		98
55) Dibenzofuran	15.18	168	461508	40.956	ng		100
56) 4-Nitrophenol	14.99	139	155011	86.559	ng		91
57) 2,4-Dinitrotoluene	15.14	165	123689	44.202	ng	#	91
58) Fluorene	15.82	166	368543	41.603	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	115189	46.961	ng		97
60) Diethylphthalate	15.58	149	387816	41.703	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	192879	40.802	ng		99
62) 4-Nitroaniline	15.86	138	91898	42.344	ng		98
63) Azobenzene	16.11	77	356460	42.286	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	69416	40.896	ng		98
66) n-Nitrosodiphenylamine	16.03	169	340264	40.942	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	126570	39.389	ng		95
68) Hexachlorobenzene	16.82	284	132289	39.717	ng		98
69) Atrazine	16.97	200	137403	42.008	ng		98
70) Pentachlorophenol	17.16	266	165577	78.712	ng		97
71) Phenanthrene	17.57	178	630867	39.897	ng		99
72) Anthracene	17.66	178	635279	41.228	ng		99
73) Carbazole	17.93	167	570307	41.055	ng		99
74) Di-n-butylphthalate	18.45	149	696487	42.614	ng		99
75) Fluoranthene	19.57	202	778283	41.647	ng		99
77) Benzidine	19.75	184	279350	29.704	ng		100
78) Pyrene	19.93	202	782241	40.619	ng		100
80) Butylbenzylphthalate	20.79	149	328024	43.965	ng		95
81) Benzo(a)anthracene	21.79	228	746322	40.181	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	184331	27.182	ng		98
83) Chrysene	21.86	228	720182	39.994	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	456554	43.545	ng		100
85) Di-n-octyl phthalate	22.91	149	777575	44.791	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	823882	40.331	ng	#	96
88) Benzo(b)fluoranthene	24.10	252	737620	44.636	ng		98
89) Benzo(k)fluoranthene	24.18	252	727329	47.283	ng		98
90) Benzo(a)pyrene	25.02	252	716882	46.947	ng		99
91) Dibenzo(a,h)anthracene	29.12	278	676861	45.214	ng		98
92) Benzo(g,h,i)perylene	30.28	276	680221	45.243	ng		95

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

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