Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030819\
Data File : BG039832.D
Acq On : 8 Mar 2019 22:11
Operator : JU/SJ
Sample : K1783-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-2MS

Quant Time: Mar 09 00:14:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43833	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	196070	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	135506	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	323898	20.00	ng		0.00
76) Chrysene-d12	21.82	240	320364	20.00	ng		-0.01
87) Perylene-d12	25.18	264	328609	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	161778	62.97	ng		-0.01
7) Phenol-d6	7.30	99	151667	39.59	ng		-0.01
23) Nitrobenzene-d5	9.33	82	325341	89.74	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	216376	137.00	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	805066	84.59	ng		-0.01
79) Terphenyl-d14	20.12	244	1237517	85.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	16115	13.586	ng		97
3) Pyridine	3.99	79	36096	11.367	ng		96
4) n-Nitrosodimethylamine	3.92	42	24600	16.329	ng	#	93
6) Aniline	7.48	93	66421	13.233	ng		97
8) 2-Chlorophenol	7.71	128	109803	35.226	ng		96
9) Benzaldehyde	7.29	77	81283	32.892	ng		96
10) Phenol	7.32	94	58606	14.121	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	133158	41.151	ng		99
12) 1,3-Dichlorobenzene	8.04	146	136745	38.789	ng		98
13) 1,4-Dichlorobenzene	8.19	146	138595	38.596	ng		99
14) 1,2-Dichlorobenzene	8.51	146	133577	38.501	ng		97
15) Benzyl Alcohol	8.39	79	77542	25.516	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	265831	41.076	ng		98
17) 2-Methylphenol	8.59	107	81442	30.775	ng		97
18) Hexachloroethane	9.24	117	49669	38.549	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	114737	41.609	ng		90
20) 3+4-Methylphenols	8.92	107	97969	26.648	ng		95
22) Acetophenone	8.99	105	215215	40.896	ng	#	93
24) Nitrobenzene	9.37	77	168058	44.189	ng		99
25) Isophorone	9.89	82	328344	43.225	ng		97
26) 2-Nitrophenol	10.08	139	80711	43.954	ng		95
27) 2,4-Dimethylphenol	10.13	122	124062	43.441	ng		98
28) bis(2-Chloroethoxy)methane	10.37	93	201606	43.674	ng		100
29) 2,4-Dichlorophenol	10.61	162	146071	45.429	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	153990	42.560	ng		98
31) Naphthalene	11.03	128	445161	42.882	ng		99
32) Benzoic acid	10.22	122	15880	13.584	ng		99
33) 4-Chloroaniline	11.14	127	56921	12.931	ng		94
34) Hexachlorobutadiene	11.29	225	98306	39.761	ng		97
35) Caprolactam	11.92	113	6724	5.474	ng	#	76
36) 4-Chloro-3-methylphenol	12.23	107	150784	40.909	ng		99
37) 2-Methylnaphthalene	12.62	142	349940	45.088	ng		98
38) 1-Methylnaphthalene	12.84	142	332448	44.077	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	191231	41.657	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	222689	90.519	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	130164	48.431	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	137116	45.262	ng		97
46) 1,1'-Biphenyl	13.62	154	477965	42.885	ng		99
47) 2-Chloronaphthalene	13.67	162	370030	44.133	ng		98
48) 2-Nitroaniline	13.87	65	126007	46.765	ng		95
49) Acenaphthylene	14.51	152	599794	43.577	ng		100
50) Dimethylphthalate	14.23	163	498888	44.029	ng		99
51) 2,6-Dinitrotoluene	14.36	165	110854	46.149	ng		98
52) Acenaphthene	14.85	154	367174	44.322	ng		100
53) 3-Nitroaniline	14.70	138	43739	18.114	ng	#	88
54) 2,4-Dinitrophenol	14.90	184	100438	67.202	ng		96
55) Dibenzofuran	15.18	168	602288	44.313	ng		99
56) 4-Nitrophenol	14.98	139	62338	28.860	ng		92
57) 2,4-Dinitrotoluene	15.14	165	159406	47.228	ng		86
58) Fluorene	15.82	166	470306	44.016	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	138172	46.702	ng		98
60) Diethylphthalate	15.58	149	504391	44.968	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	252676	44.316	ng		96
62) 4-Nitroaniline	15.86	138	107151	40.933	ng		90
63) Azobenzene	16.11	77	454930	44.743	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	83477	43.589	ng		99
66) n-Nitrosodiphenylamine	16.03	169	429918	45.849	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	163219	45.020	ng		95
68) Hexachlorobenzene	16.82	284	166903	44.412	ng		98
69) Atrazine	16.97	200	169703	45.985	ng		96
70) Pentachlorophenol	17.17	266	195996	82.580	ng		99
71) Phenanthrene	17.57	178	775548	43.471	ng		98
72) Anthracene	17.66	178	787781	45.312	ng		98
73) Carbazole	17.93	167	686620	43.808	ng		99
74) Di-n-butylphthalate	18.46	149	837108	45.395	ng		99
75) Fluoranthene	19.57	202	910789	43.197	ng		99
77) Benzidine	19.75	184	217313	21.376	ng		99
78) Pyrene	19.93	202	921575	44.269	ng		99
80) Butylbenzylphthalate	20.79	149	390892	48.466	ng		97
81) Benzo(a)anthracene	21.79	228	877474	43.703	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	163208	22.264	ng		98
83) Chrysene	21.86	228	845798	43.452	ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	548406	48.388	ng		99
85) Di-n-octyl phthalate	22.91	149	924545	49.267	ng		97
86) Indeno(1,2,3-cd)pyrene	29.06	276	1022334	46.297	ng	#	95
88) Benzo(b)fluoranthene	24.11	252	892065	45.524	ng		99
89) Benzo(k)fluoranthene	24.18	252	851447	46.679	ng		99
90) Benzo(a)pyrene	25.03	252	870678	48.084	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	834150	46.990	ng		98
92) Benzo(g,h,i)perylene	30.29	276	842428	47.252	ng		97

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

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