Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039760.D
Acq On : 5 Mar 2019 10:50
Operator : JU/SJ
Sample : K1688-02MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-03-030119-AMS

Quant Time: Mar 05 12:25:34 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	45608	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	200286	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	142960	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	345632	20.00	ng		0.00
76) Chrysene-d12	21.82	240	345332	20.00	ng		-0.01
87) Perylene-d12	25.18	264	364897	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	398786	149.17	ng		0.00
7) Phenol-d6	7.31	99	542140	136.01	ng		0.00
23) Nitrobenzene-d5	9.34	82	376445	101.65	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	262762	157.69	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	897640	89.40	ng		-0.01
79) Terphenyl-d14	20.12	244	1518230	96.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	42120	34.127	ng	#	15
3) Pyridine	4.01	79	107768	32.615	ng		99
4) n-Nitrosodimethylamine	3.92	42	65675	41.898	ng	#	93
6) Aniline	7.48	93	72719	13.924	ng		95
8) 2-Chlorophenol	7.72	128	141491	43.626	ng		98
9) Benzaldehyde	7.30	77	92425	35.945	ng		97
10) Phenol	7.33	94	173297	40.131	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	142024	42.183	ng		98
12) 1,3-Dichlorobenzene	8.04	146	151030	41.174	ng		97
13) 1,4-Dichlorobenzene	8.20	146	152308	40.764	ng		97
14) 1,2-Dichlorobenzene	8.51	146	146510	40.585	ng		100
15) Benzyl Alcohol	8.40	79	144739	45.774	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	281591	41.818	ng		99
17) 2-Methylphenol	8.59	107	128451	46.650	ng		97
18) Hexachloroethane	9.24	117	54035	40.306	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	121846	42.468	ng		97
20) 3+4-Methylphenols	8.92	107	176704	46.194	ng		97
22) Acetophenone	8.99	105	225789	42.002	ng	#	95
24) Nitrobenzene	9.38	77	177519	45.694	ng		96
25) Isophorone	9.89	82	355135	45.768	ng		97
26) 2-Nitrophenol	10.09	139	85010	45.321	ng		96
27) 2,4-Dimethylphenol	10.13	122	157252	53.904	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	209663	44.463	ng		100
29) 2,4-Dichlorophenol	10.62	162	168069	51.170	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	160001	43.291	ng		98
31) Naphthalene	11.03	128	470481	44.367	ng		100
32) Benzoic acid	10.21	122	8130	10.099	ng		90
33) 4-Chloroaniline	11.15	127	10500	2.335	ng		96
34) Hexachlorobutadiene	11.29	225	103486	40.975	ng		98
35) Caprolactam	11.93	113	23111	18.420	ng		98
36) 4-Chloro-3-methylphenol	12.24	107	187000	49.666	ng		98
37) 2-Methylnaphthalene	12.62	142	361288	45.571	ng		98
38) 1-Methylnaphthalene	12.84	142	348602	45.246	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	203247	41.966	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	230557	88.831	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	140695	49.620	ng		100
44) 2,4,5-Trichlorophenol	13.29	196	153866	48.143	ng		98
46) 1,1'-Biphenyl	13.62	154	498803	42.421	ng		99
47) 2-Chloronaphthalene	13.67	162	382884	43.285	ng		97
48) 2-Nitroaniline	13.88	65	138860	48.848	ng		96
49) Acenaphthylene	14.51	152	623047	42.906	ng		99
50) Dimethylphthalate	14.23	163	535953	44.834	ng		100
51) 2,6-Dinitrotoluene	14.36	165	117121	46.216	ng		100
52) Acenaphthene	14.85	154	383721	43.905	ng		99
53) 3-Nitroaniline	14.69	138	19866	7.798	ng	#	90
54) 2,4-Dinitrophenol	14.90	184	44728	31.404	ng		95
55) Dibenzofuran	15.18	168	626526	43.693	ng		97
56) 4-Nitrophenol	14.99	139	182074	79.897	ng		89
57) 2,4-Dinitrotoluene	15.14	165	166894	46.869	ng	#	91
58) Fluorene	15.83	166	497960	44.174	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	152915	48.990	ng		98
60) Diethylphthalate	15.58	149	541281	45.740	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	263043	43.728	ng		96
62) 4-Nitroaniline	15.86	138	117228	42.448	ng		95
63) Azobenzene	16.11	77	487648	45.460	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	48798	23.878	ng		96
66) n-Nitrosodiphenylamine	16.03	169	464042	46.376	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	175294	45.310	ng		98
68) Hexachlorobenzene	16.82	284	180975	45.128	ng		94
69) Atrazine	16.97	200	186218	47.287	ng		97
70) Pentachlorophenol	17.17	266	176577	69.719	ng		98
71) Phenanthrene	17.57	178	842509	44.254	ng		98
72) Anthracene	17.66	178	857481	46.220	ng		98
73) Carbazole	17.94	167	757657	45.301	ng		99
74) Di-n-butylphthalate	18.46	149	916078	46.553	ng		99
75) Fluoranthene	19.57	202	1002526	44.558	ng		99
77) Benzidine	19.75	184	108058	9.861	ng		100
78) Pyrene	19.93	202	1016320	45.291	ng		99
80) Butylbenzylphthalate	20.80	149	422428	48.590	ng		94
81) Benzo(a)anthracene	21.79	228	966462	44.655	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	81447	10.307	ng		96
83) Chrysene	21.87	228	919941	43.844	ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	593008	48.540	ng		99
85) Di-n-octyl phthalate	22.92	149	1016373	50.245	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	1143951	48.058	ng	#	95
88) Benzo(b)fluoranthene	24.11	252	988735	45.439	ng		99
89) Benzo(k)fluoranthene	24.19	252	956056	47.201	ng		98
90) Benzo(a)pyrene	25.03	252	959255	47.707	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	921472	46.747	ng		98
92) Benzo(g,h,i)perylene	30.30	276	952705	48.123	ng		97

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

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