Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039761.D
Acq On : 5 Mar 2019 11:30
Operator : JU/SJ
Sample : K1688-02MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Mar 05 12:33:05 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	47684	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	210729	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	147567	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	365654	20.00	ng		0.00
76) Chrysene-d12	21.82	240	373559	20.00	ng		-0.01
87) Perylene-d12	25.19	264	384404	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	309018	110.56	ng		0.00
7) Phenol-d6	7.30	99	423797	101.69	ng		-0.01
23) Nitrobenzene-d5	9.33	82	287474	73.78	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	201182	116.97	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	702601	67.79	ng		-0.01
79) Terphenyl-d14	20.12	244	1203283	70.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	35836	27.771	ng	#	27
3) Pyridine	4.00	79	84324	24.409	ng		97
4) n-Nitrosodimethylamine	3.92	42	49512	30.211	ng		91
6) Aniline	7.48	93	46000	8.425	ng		97
8) 2-Chlorophenol	7.72	128	111130	32.773	ng		93
9) Benzaldehyde	7.30	77	75297	28.009	ng		100
10) Phenol	7.33	94	136120	30.149	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	109215	31.026	ng		96
12) 1,3-Dichlorobenzene	8.04	146	116899	30.482	ng		95
13) 1,4-Dichlorobenzene	8.20	146	118662	30.377	ng		96
14) 1,2-Dichlorobenzene	8.51	146	114350	30.297	ng		99
15) Benzyl Alcohol	8.39	79	108729	32.889	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	214324	30.443	ng		99
17) 2-Methylphenol	8.59	107	98234	34.123	ng		98
18) Hexachloroethane	9.24	117	42060	30.007	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	93685	31.231	ng		91
20) 3+4-Methylphenols	8.92	107	138052	34.519	ng		97
22) Acetophenone	8.99	105	173911	30.749	ng	#	94
24) Nitrobenzene	9.38	77	134966	33.019	ng		97
25) Isophorone	9.89	82	271300	33.231	ng		99
26) 2-Nitrophenol	10.09	139	65064	32.968	ng		99
27) 2,4-Dimethylphenol	10.13	122	120177	39.154	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	159865	32.222	ng		96
29) 2,4-Dichlorophenol	10.62	162	129208	37.389	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	123225	31.688	ng		99
31) Naphthalene	11.03	128	358769	32.156	ng		99
32) Benzoic acid	10.22	122	22577	15.839	ng		96
33) 4-Chloroaniline	11.14	127	9135	1.931	ng		93
34) Hexachlorobutadiene	11.29	225	79314	29.848	ng		93
35) Caprolactam	11.91	113	21626	16.382	ng	#	84
36) 4-Chloro-3-methylphenol	12.24	107	140953	35.581	ng		97
37) 2-Methylnaphthalene	12.62	142	276484	33.146	ng		97
38) 1-Methylnaphthalene	12.84	142	268890	33.171	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	154119	30.829	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	187598	70.023	ng		100
43) 2,4,6-Trichlorophenol	13.22	196	108950	37.225	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	118410	35.892	ng		99
46) 1,1'-Biphenyl	13.62	154	386501	31.844	ng		99
47) 2-Chloronaphthalene	13.67	162	298749	32.719	ng		98
48) 2-Nitroaniline	13.88	65	104856	35.734	ng		97
49) Acenaphthylene	14.51	152	482613	32.198	ng		99
50) Dimethylphthalate	14.23	163	415590	33.680	ng		100
51) 2,6-Dinitrotoluene	14.36	165	92654	35.420	ng		93
52) Acenaphthene	14.85	154	294196	32.611	ng		97
53) 3-Nitroaniline	14.69	138	12351	4.697	ng	#	96
54) 2,4-Dinitrophenol	14.89	184	44866	30.666	ng		99
55) Dibenzofuran	15.18	168	484921	32.762	ng		99
56) 4-Nitrophenol	14.99	139	137645	58.515	ng		92
57) 2,4-Dinitrotoluene	15.14	165	129339	35.188	ng	#	84
58) Fluorene	15.83	166	386897	33.250	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117119	36.351	ng		98
60) Diethylphthalate	15.58	149	418096	34.228	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	205072	33.027	ng		95
62) 4-Nitroaniline	15.86	138	85550	30.010	ng		99
63) Azobenzene	16.11	77	373053	33.691	ng		96
65) 4,6-Dinitro-2-methylphenol	15.90	198	46670	21.587	ng		95
66) n-Nitrosodiphenylamine	16.03	169	364264	34.411	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	133922	32.721	ng		96
68) Hexachlorobenzene	16.82	284	141150	33.270	ng		99
69) Atrazine	16.97	200	143973	34.558	ng		97
70) Pentachlorophenol	17.17	266	154249	57.569	ng		99
71) Phenanthrene	17.57	178	658154	32.678	ng		99
72) Anthracene	17.66	178	669146	34.093	ng		100
73) Carbazole	17.93	167	586819	33.165	ng		98
74) Di-n-butylphthalate	18.46	149	707767	33.998	ng		99
75) Fluoranthene	19.57	202	786992	33.063	ng		97
77) Benzidine	19.75	184	44348	3.741	ng		97
78) Pyrene	19.93	202	792220	32.636	ng		99
80) Butylbenzylphthalate	20.80	149	327677	34.843	ng		95
81) Benzo(a)anthracene	21.79	228	756826	32.326	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	49469	5.787	ng	#	98
83) Chrysene	21.86	228	729201	32.127	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	458111	34.665	ng		99
85) Di-n-octyl phthalate	22.92	149	784589	35.856	ng		95
86) Indeno(1,2,3-cd)pyrene	29.06	276	865912	33.629	ng	#	96
88) Benzo(b)fluoranthene	24.11	252	759468	33.132	ng		98
89) Benzo(k)fluoranthene	24.18	252	732162	34.313	ng		100
90) Benzo(a)pyrene	25.03	252	739180	34.897	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	704552	33.928	ng		97
92) Benzo(g,h,i)perylene	30.30	276	712014	34.140	ng		99

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

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