Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039700.D
Acq On : 1 Mar 2019 23:36
Operator : JU/SJ
Sample : K1665-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 200051MSD

Quant Time: Mar 02 03:14:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56865	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	244047	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	164687	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	342306	20.00	ng		0.00
76) Chrysene-d12	21.82	240	341242	20.00	ng		0.00
87) Perylene-d12	25.20	264	346240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	461666	138.95	ng		0.00
7) Phenol-d6	7.31	99	624247	127.64	ng		0.00
23) Nitrobenzene-d5	9.34	82	446827	114.38	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	253657	143.03	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1056260	92.01	ng		0.00
79) Terphenyl-d14	20.12	244	1377587	85.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	48375	33.285	ng	#	35
3) Pyridine	4.02	79	126985	33.001	ng		97
4) n-Nitrosodimethylamine	3.93	42	76522	39.765	ng	#	80
6) Aniline	7.49	93	95204	15.541	ng		98
8) 2-Chlorophenol	7.73	128	167407	46.095	ng		95
9) Benzaldehyde	7.31	77	137047	69.397	ng		99
10) Phenol	7.34	94	200885	39.404	ng		99
11) bis(2-Chloroethyl)ether	7.58	93	165925	41.188	ng		97
12) 1,3-Dichlorobenzene	8.05	146	178547	40.582	ng		98
13) 1,4-Dichlorobenzene	8.20	146	181183	41.317	ng		98
14) 1,2-Dichlorobenzene	8.52	146	169894	40.020	ng		98
15) Benzyl Alcohol	8.41	79	167801	43.703	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	319346	35.104	ng		99
17) 2-Methylphenol	8.60	107	151891	46.040	ng		97
18) Hexachloroethane	9.25	117	63476	42.073	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	142383	41.019	ng		91
20) 3+4-Methylphenols	8.93	107	202702	44.618	ng		98
22) Acetophenone	8.99	105	266293	40.621	ng	#	97
24) Nitrobenzene	9.39	77	207812	49.241	ng		94
25) Isophorone	9.90	82	407995	47.130	ng		98
26) 2-Nitrophenol	10.10	139	101243	57.516	ng		98
27) 2,4-Dimethylphenol	10.14	122	175518	50.121	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	241817	45.351	ng		98
29) 2,4-Dichlorophenol	10.63	162	191217	49.961	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	189719	44.152	ng		99
31) Naphthalene	11.04	128	573729	47.388	ng		99
32) Benzoic acid	10.26	122	76547	36.128	ng		98
33) 4-Chloroaniline	11.15	127	17036	3.035	ng		96
34) Hexachlorobutadiene	11.30	225	123229	43.123	ng		97
35) Caprolactam	11.94	113	50158	31.670	ng	#	87
36) 4-Chloro-3-methylphenol	12.25	107	201531	45.530	ng		97
37) 2-Methylnaphthalene	12.63	142	420427	46.885	ng		100
38) 1-Methylnaphthalene	12.85	142	403732	46.707	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	233093	44.485	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	267561	93.707	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	155842	48.372	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	165483	49.008	ng		96
46) 1,1'-Biphenyl	13.63	154	563784	41.145	ng		99
47) 2-Chloronaphthalene	13.67	162	438522	42.542	ng		98
48) 2-Nitroaniline	13.88	65	146128	49.116	ng		96
49) Acenaphthylene	14.52	152	690532	44.396	ng		99
50) Dimethylphthalate	14.24	163	566519	42.593	ng		99
51) 2,6-Dinitrotoluene	14.37	165	125100	50.007	ng		98
52) Acenaphthene	14.86	154	425050	42.099	ng		97
53) 3-Nitroaniline	14.70	138	28399	15.103	ng	#	95
54) 2,4-Dinitrophenol	14.90	184	65548	65.484	ng		98
55) Dibenzofuran	15.18	168	681039	42.071	ng		98
56) 4-Nitrophenol	15.00	139	150180	63.719	ng		88
57) 2,4-Dinitrotoluene	15.15	165	170406	52.616	ng	#	88
58) Fluorene	15.84	166	529418	43.872	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153470	48.542	ng		96
60) Diethylphthalate	15.59	149	558440	40.608	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	285139	41.730	ng		98
62) 4-Nitroaniline	15.87	138	116720	42.387	ng		96
63) Azobenzene	16.11	77	488743	36.361	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	71675	51.588	ng		97
66) n-Nitrosodiphenylamine	16.04	169	468731	45.034	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	178516	47.009	ng		99
68) Hexachlorobenzene	16.83	284	177312	46.538	ng		95
69) Atrazine	16.97	200	156351	41.106	ng		96
70) Pentachlorophenol	17.18	266	191057	72.150	ng		98
71) Phenanthrene	17.58	178	810505	45.748	ng		99
72) Anthracene	17.67	178	798936	45.782	ng		99
73) Carbazole	17.94	167	698540	40.109	ng		99
74) Di-n-butylphthalate	18.47	149	822749	40.494	ng		99
75) Fluoranthene	19.58	202	920792	44.778	ng		99
77) Benzidine	19.75	184	70026	6.259	ng		95
78) Pyrene	19.94	202	933445	43.941	ng		99
80) Butylbenzylphthalate	20.81	149	400799	44.726	ng		92
81) Benzo(a)anthracene	21.80	228	926380	45.943	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	115852	15.495	ng		99
83) Chrysene	21.88	228	863864	45.005	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	561211	43.898	ng		99
85) Di-n-octyl phthalate	22.93	149	951425	45.046	ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	978542	47.515	ng		99
88) Benzo(b)fluoranthene	24.12	252	907144	48.042	ng		98
89) Benzo(k)fluoranthene	24.19	252	865988	45.680	ng		100
90) Benzo(a)pyrene	25.04	252	875790	48.160	ng		98
91) Dibenzo(a,h)anthracene	29.15	278	789693	46.370	ng		100
92) Benzo(g,h,i)perylene	30.31	276	791264	46.614	ng		98

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

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