Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039889.D
Acq On : 13 Mar 2019 1:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 13 05:50:43 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	43455	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	187374	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	125711	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	302764	20.00	ng		0.00
76) Chrysene-d12	21.81	240	317840	20.00	ng		0.00
87) Perylene-d12	25.18	264	324616	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	211347	82.97	ng		0.00
7) Phenol-d6	7.29	99	301521	79.39	ng		0.00
23) Nitrobenzene-d5	9.33	82	285395	82.38	ng		0.00
42) 2,4,6-Tribromophenol	16.26	330	120052	81.93	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	674319	76.37	ng		0.00
79) Terphenyl-d14	20.11	244	1120838	77.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	48091	40.895	ng		91
3) Pyridine	3.99	79	132021	41.935	ng		99
4) n-Nitrosodimethylamine	3.92	42	62726	41.999	ng		85
6) Aniline	7.48	93	187421	37.666	ng		99
8) 2-Chlorophenol	7.71	128	120990	39.153	ng		97
9) Benzaldehyde	7.29	77	87465	35.701	ng		92
10) Phenol	7.32	94	162019	39.378	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	121122	37.757	ng		97
12) 1,3-Dichlorobenzene	8.04	146	138187	39.539	ng		96
13) 1,4-Dichlorobenzene	8.19	146	138237	38.832	ng		98
14) 1,2-Dichlorobenzene	8.51	146	130973	38.079	ng		98
15) Benzyl Alcohol	8.39	79	113016	37.512	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.67	45	239280	37.295	ng		99
17) 2-Methylphenol	8.58	107	99824	38.050	ng		98
18) Hexachloroethane	9.23	117	49093	38.434	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	98506	36.034	ng		93
20) 3+4-Methylphenols	8.92	107	139456	38.263	ng		96
22) Acetophenone	8.98	105	195956	38.965	ng	#	96
24) Nitrobenzene	9.37	77	146815	40.395	ng		98
25) Isophorone	9.89	82	276244	38.054	ng		99
26) 2-Nitrophenol	10.08	139	72989	41.594	ng		96
27) 2,4-Dimethylphenol	10.13	122	109626	40.168	ng		99
28) bis(2-Chloroethoxy)methane	10.37	93	168680	38.237	ng		97
29) 2,4-Dichlorophenol	10.61	162	127656	41.544	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	135954	39.319	ng		98
31) Naphthalene	11.02	128	386682	38.977	ng		99
32) Benzoic acid	10.25	122	67455	37.647	ng		96
33) 4-Chloroaniline	11.14	127	168962	40.164	ng		97
34) Hexachlorobutadiene	11.28	225	94575	40.027	ng		96
35) Caprolactam	11.92	113	44208	37.663	ng		99
36) 4-Chloro-3-methylphenol	12.23	107	140670	39.936	ng		98
37) 2-Methylnaphthalene	12.62	142	286027	38.564	ng		99
38) 1-Methylnaphthalene	12.83	142	278874	38.690	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	166002	38.979	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	81359	35.648 ng		98
43) 2,4,6-Trichlorophenol	13.22	196	102588	41.145 ng		100
44) 2,4,5-Trichlorophenol	13.29	196	112356	39.978 ng		99
46) 1,1'-Biphenyl	13.62	154	393923	38.099 ng		99
47) 2-Chloronaphthalene	13.66	162	297841	38.291 ng		99
48) 2-Nitroaniline	13.87	65	104208	41.688 ng		99
49) Acenaphthylene	14.51	152	497147	38.934 ng		99
50) Dimethylphthalate	14.23	163	392744	37.362 ng		99
51) 2,6-Dinitrotoluene	14.36	165	88765	39.832 ng		98
52) Acenaphthene	14.84	154	290618	37.815 ng		99
53) 3-Nitroaniline	14.69	138	90388	40.350 ng	#	96
54) 2,4-Dinitrophenol	14.89	184	39423	31.465 ng		93
55) Dibenzofuran	15.18	168	483724	38.363 ng		99
56) 4-Nitrophenol	14.98	139	77708	38.778 ng		88
57) 2,4-Dinitrotoluene	15.14	165	127606	40.753 ng	#	90
58) Fluorene	15.82	166	378671	38.201 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	109379	39.851 ng		98
60) Diethylphthalate	15.58	149	398451	38.291 ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	201278	38.052 ng		96
62) 4-Nitroaniline	15.85	138	100875	41.538 ng		95
63) Azobenzene	16.10	77	369786	39.202 ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	67508	37.711 ng		93
66) n-Nitrosodiphenylamine	16.02	169	342371	39.061 ng		97
67) 4-Bromophenyl-phenylether	16.71	248	135221	39.901 ng		93
68) Hexachlorobenzene	16.82	284	139090	39.594 ng		94
69) Atrazine	16.96	200	134125	38.881 ng		98
70) Pentachlorophenol	17.16	266	84448	38.064 ng		99
71) Phenanthrene	17.57	178	646564	38.771 ng		100
72) Anthracene	17.66	178	643607	39.604 ng		99
73) Carbazole	17.93	167	589476	40.236 ng		98
74) Di-n-butylphthalate	18.46	149	706281	40.974 ng		99
75) Fluoranthene	19.57	202	799882	40.585 ng		99
77) Benzidine	19.75	184	360363	35.729 ng		99
78) Pyrene	19.93	202	800690	38.768 ng		99
80) Butylbenzylphthalate	20.79	149	333172	41.638 ng		94
81) Benzo(a)anthracene	21.79	228	782270	39.271 ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	281662	38.729 ng		99
83) Chrysene	21.86	228	740625	38.351 ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	452050	40.203 ng		99
85) Di-n-octyl phthalate	22.91	149	764995	41.089 ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	840581	38.368 ng		97
88) Benzo(b)fluoranthene	24.10	252	767553	39.651 ng		98
89) Benzo(k)fluoranthene	24.17	252	704925	39.121 ng		99
90) Benzo(a)pyrene	25.02	252	716502	40.056 ng		99
91) Dibenzo(a,h)anthracene	29.12	278	664332	37.884 ng		98
92) Benzo(g,h,i)perylene	30.28	276	672151	38.165 ng		98

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

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