Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040178.D
Acq On : 27 Mar 2019 19:04
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Mar 28 02:06:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 02:00:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	55378	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	246223	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	149534	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	344546	20.00	ng		0.00
76) Chrysene-d12	21.73	240	322398	20.00	ng		0.00
87) Perylene-d12	25.03	264	346183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	336835	103.04	ng		0.00
7) Phenol-d6	7.22	99	462930	96.12	ng		0.00
23) Nitrobenzene-d5	9.25	82	455224	99.79	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	161489	94.15	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1000220	95.29	ng		0.00
79) Terphenyl-d14	20.05	244	1406286	96.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	77943	51.250	ng		97
3) Pyridine	3.93	79	210671	51.996	ng		98
4) n-Nitrosodimethylamine	3.85	42	100537	52.681	ng		92
6) Aniline	7.40	93	299868	47.426	ng		99
8) 2-Chlorophenol	7.63	128	193932	49.114	ng		98
9) Benzaldehyde	7.21	77	160808	50.962	ng		98
10) Phenol	7.25	94	249969	47.956	ng		98
11) bis(2-Chloroethyl)ether	7.49	93	202841	49.430	ng		99
12) 1,3-Dichlorobenzene	7.96	146	208910	46.978	ng		99
13) 1,4-Dichlorobenzene	8.11	146	211249	46.754	ng		100
14) 1,2-Dichlorobenzene	8.42	146	198267	45.501	ng		99
15) Benzyl Alcohol	8.31	79	184793	48.337	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	386001	47.341	ng		98
17) 2-Methylphenol	8.51	107	170030	50.491	ng		99
18) Hexachloroethane	9.15	117	80528	49.175	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	162814	47.154	ng		98
20) 3+4-Methylphenols	8.84	107	236664	50.767	ng		98
22) Acetophenone	8.90	105	298233	45.698	ng	#	98
24) Nitrobenzene	9.29	77	235265	49.251	ng		97
25) Isophorone	9.80	82	470149	49.414	ng		98
26) 2-Nitrophenol	10.00	139	113259	49.456	ng		96
27) 2,4-Dimethylphenol	10.04	122	177706	49.662	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	277676	48.047	ng		99
29) 2,4-Dichlorophenol	10.53	162	195476	48.731	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	212996	47.166	ng		97
31) Naphthalene	10.94	128	621875	47.840	ng		99
32) Benzoic acid	10.20	122	108076	49.456	ng		95
33) 4-Chloroaniline	11.05	127	268177	48.778	ng		97
34) Hexachlorobutadiene	11.20	225	134834	44.118	ng		95
35) Caprolactam	11.85	113	77315	50.168	ng		98
36) 4-Chloro-3-methylphenol	12.16	107	221550	48.248	ng		97
37) 2-Methylnaphthalene	12.54	142	455340	46.994	ng		98
38) 1-Methylnaphthalene	12.75	142	446592	47.516	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	235534	46.748	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	130410	48.490	ng		98
43) 2,4,6-Trichlorophenol	13.14	196	155429	52.270	ng		94
44) 2,4,5-Trichlorophenol	13.21	196	163969	49.430	ng		97
46) 1,1'-Biphenyl	13.53	154	581909	47.431	ng		99
47) 2-Chloronaphthalene	13.58	162	450545	48.686	ng		99
48) 2-Nitroaniline	13.79	65	152801	51.307	ng		92
49) Acenaphthylene	14.43	152	766327	50.267	ng		99
50) Dimethylphthalate	14.15	163	577400	46.568	ng		98
51) 2,6-Dinitrotoluene	14.29	165	131272	49.924	ng		98
52) Acenaphthene	14.77	154	437423	48.008	ng		98
53) 3-Nitroaniline	14.62	138	138842	51.962	ng		94
54) 2,4-Dinitrophenol	14.82	184	68800	47.940	ng		98
55) Dibenzofuran	15.10	168	700969	47.039	ng		99
56) 4-Nitrophenol	14.92	139	113018	48.190	ng		96
57) 2,4-Dinitrotoluene	15.07	165	182683	49.448	ng		93
58) Fluorene	15.75	166	548521	46.812	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	148631	46.150	ng	#	99
60) Diethylphthalate	15.50	149	588983	47.870	ng		100
61) 4-Chlorophenyl-phenylether	15.73	204	291575	46.591	ng		96
62) 4-Nitroaniline	15.79	138	148446	51.539	ng		98
63) Azobenzene	16.03	77	559565	49.771	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	97132	48.355	ng		97
66) n-Nitrosodiphenylamine	15.96	169	498378	49.822	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	192660	49.742	ng		99
68) Hexachlorobenzene	16.74	284	192390	48.167	ng		97
69) Atrazine	16.90	200	184132	47.103	ng		98
70) Pentachlorophenol	17.10	266	112849	45.686	ng		92
71) Phenanthrene	17.49	178	898854	47.462	ng		100
72) Anthracene	17.58	178	892068	48.118	ng		100
73) Carbazole	17.86	167	845116	50.191	ng		99
74) Di-n-butylphthalate	18.39	149	1009298	50.953	ng		99
75) Fluoranthene	19.50	202	1051208	46.839	ng		99
77) Benzidine	19.68	184	546062	52.857	ng		100
78) Pyrene	19.86	202	1067411	50.814	ng		99
80) Butylbenzylphthalate	20.73	149	458427	55.721	ng		97
81) Benzo(a)anthracene	21.71	228	994752	49.279	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	381754	51.642	ng		99
83) Chrysene	21.78	228	954753	48.747	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	652451	56.319	ng		100
85) Di-n-octyl phthalate	22.81	149	1114657	57.862	ng		100
86) Indeno(1,2,3-cd)pyrene	28.82	276	1182664	52.978	ng		99
88) Benzo(b)fluoranthene	23.98	252	1049226	50.424	ng		98
89) Benzo(k)fluoranthene	24.05	252	960103	49.687	ng		98
90) Benzo(a)pyrene	24.87	252	988338	51.354	ng		99
91) Dibenzo(a,h)anthracene	28.89	278	924769	49.335	ng		99
92) Benzo(g,h,i)perylene	30.03	276	947577	50.273	ng		97

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

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