Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040191.D
Acq On : 28 Mar 2019 3:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 28 06:43:24 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 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65407	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	279408	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	167546	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	393185	20.00	ng		0.00
76) Chrysene-d12	21.73	240	376627	20.00	ng		0.00
87) Perylene-d12	25.03	264	402591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	315905	80.29	ng		0.00
7) Phenol-d6	7.22	99	444284	81.71	ng		0.00
23) Nitrobenzene-d5	9.25	82	433364	82.44	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	154929	85.56	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	949954	84.01	ng		0.00
79) Terphenyl-d14	20.04	244	1346801	80.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	74017	40.008	ng		97
3) Pyridine	3.93	79	202130	40.579	ng		98
4) n-Nitrosodimethylamine	3.85	42	91902	39.886	ng	#	91
6) Aniline	7.40	93	280339	39.683	ng		99
8) 2-Chlorophenol	7.63	128	182843	39.700	ng		98
9) Benzaldehyde	7.21	77	152696	40.939	ng		99
10) Phenol	7.25	94	235415	39.887	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	188043	39.780	ng		97
12) 1,3-Dichlorobenzene	7.96	146	201669	40.280	ng		97
13) 1,4-Dichlorobenzene	8.11	146	202775	40.665	ng		97
14) 1,2-Dichlorobenzene	8.42	146	191334	40.124	ng		97
15) Benzyl Alcohol	8.31	79	172876	39.478	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	354811	39.110	ng		98
17) 2-Methylphenol	8.51	107	162370	39.758	ng		97
18) Hexachloroethane	9.15	117	74717	39.392	ng		99
19) n-Nitroso-di-n-propylamine	8.88	70	150693	38.654	ng		97
20) 3+4-Methylphenols	8.83	107	221149	39.972	ng		100
22) Acetophenone	8.90	105	284569	40.829	ng		99
24) Nitrobenzene	9.29	77	221897	40.764	ng		96
25) Isophorone	9.80	82	439174	40.605	ng		99
26) 2-Nitrophenol	10.00	139	107571	41.705	ng		98
27) 2,4-Dimethylphenol	10.04	122	169606	41.397	ng		95
28) bis(2-Chloroethoxy)methane	10.29	93	262369	41.002	ng		99
29) 2,4-Dichlorophenol	10.53	162	185660	41.749	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	201321	41.229	ng		97
31) Naphthalene	10.94	128	598600	41.797	ng		99
32) Benzoic acid	10.19	122	95809	38.704	ng		94
33) 4-Chloroaniline	11.05	127	249911	40.909	ng		99
34) Hexachlorobutadiene	11.20	225	128461	41.135	ng		96
35) Caprolactam	11.84	113	70708	40.066	ng		90
36) 4-Chloro-3-methylphenol	12.15	107	208084	40.701	ng		99
37) 2-Methylnaphthalene	12.54	142	437875	41.340	ng		98
38) 1-Methylnaphthalene	12.75	142	418366	40.732	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	224220	42.105	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	123304	42.171	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	143641	41.837	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	158380	42.322	ng		99
46) 1,1'-Biphenyl	13.53	154	554780	41.907	ng		99
47) 2-Chloronaphthalene	13.58	162	424587	41.812	ng		99
48) 2-Nitroaniline	13.79	65	141322	41.259	ng		96
49) Acenaphthylene	14.43	152	720592	41.853	ng		99
50) Dimethylphthalate	14.15	163	544407	41.517	ng		99
51) 2,6-Dinitrotoluene	14.28	165	122310	41.541	ng		98
52) Acenaphthene	14.77	154	409723	41.531	ng		97
53) 3-Nitroaniline	14.62	138	129544	41.565	ng		90
54) 2,4-Dinitrophenol	14.82	184	63616	40.627	ng		96
55) Dibenzofuran	15.10	168	668918	42.196	ng		100
56) 4-Nitrophenol	14.92	139	102758	40.852	ng		96
57) 2,4-Dinitrotoluene	15.07	165	173600	42.433	ng	#	99
58) Fluorene	15.74	166	518889	41.632	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	143755	42.332	ng		99
60) Diethylphthalate	15.50	149	549574	40.957	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	275007	41.279	ng		96
62) 4-Nitroaniline	15.79	138	138572	41.431	ng		98
63) Azobenzene	16.03	77	524454	41.436	ng		99
65) 4,6-Dinitro-2-methylphenol	15.83	198	91591	41.463	ng		97
66) n-Nitrosodiphenylamine	15.95	169	471199	40.954	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	182010	41.135	ng		97
68) Hexachlorobenzene	16.74	284	186436	41.907	ng		98
69) Atrazine	16.89	200	174442	40.757	ng		98
70) Pentachlorophenol	17.09	266	104452	40.610	ng		95
71) Phenanthrene	17.49	178	853415	41.295	ng		100
72) Anthracene	17.58	178	844601	40.830	ng		99
73) Carbazole	17.85	167	804305	41.085	ng		100
74) Di-n-butylphthalate	18.39	149	938130	40.428	ng		99
75) Fluoranthene	19.49	202	1015582	41.500	ng		99
77) Benzidine	19.68	184	558225	41.045	ng		97
78) Pyrene	19.86	202	1020295	41.195	ng		99
80) Butylbenzylphthalate	20.73	149	432508	40.809	ng		97
81) Benzo(a)anthracene	21.70	228	951178	41.002	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	361186	40.929	ng		99
83) Chrysene	21.77	228	915920	41.082	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	611245	40.346	ng		100
85) Di-n-octyl phthalate	22.80	149	1031305	39.955	ng		100
86) Indeno(1,2,3-cd)pyrene	28.82	276	1142674	41.905	ng		99
88) Benzo(b)fluoranthene	23.97	252	1012547	41.080	ng		98
89) Benzo(k)fluoranthene	24.04	252	916059	40.414	ng		98
90) Benzo(a)pyrene	24.87	252	949156	41.042	ng		99
91) Dibenzo(a,h)anthracene	28.88	278	898543	41.834	ng		98
92) Benzo(g,h,i)perylene	30.02	276	924554	41.885	ng		98

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

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