Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042604.D
Acq On : 30 Aug 2019 17:22
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 30 23:12:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	37306	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	154569	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	116715	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	270333	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	286193	20.00	ng	-0.01
87) Perylene-d12	24.92	264	353260	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	146625	79.60	ng	-0.01
7) Phenol-d6	7.16	99	190728	76.66	ng	-0.01
23) Nitrobenzene-d5	9.17	82	179842	80.40	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	140120	84.46	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	587368	85.11	ng	0.00
79) Terphenyl-d14	20.02	244	1093429	82.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	28542	37.130	ng	98
3) Pyridine	3.82	79	73460	37.268	ng	97
4) n-Nitrosodimethylamine	3.74	42	28346	40.263	ng	94
6) Aniline	7.31	93	125341	37.769	ng	99
8) 2-Chlorophenol	7.56	128	89125	39.924	ng	98
9) Benzaldehyde	7.12	77	50263	40.350	ng	98
10) Phenol	7.19	94	96892	38.300	ng	96
11) bis(2-Chloroethyl)ether	7.41	93	74774	37.635	ng	99
12) 1,3-Dichlorobenzene	7.89	146	115531	40.682	ng	100
13) 1,4-Dichlorobenzene	8.03	146	115161	40.034	ng	97
14) 1,2-Dichlorobenzene	8.35	146	111652	40.531	ng	99
15) Benzyl Alcohol	8.24	79	72098	40.277	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	98470	36.567	ng	99
17) 2-Methylphenol	8.45	107	71573	38.411	ng	95
18) Hexachloroethane	9.09	117	39494	40.105	ng	92
19) n-Nitroso-di-n-propylamine	8.80	70	61583	38.204	ng	94
20) 3+4-Methylphenols	8.78	107	98475	38.193	ng	97
22) Acetophenone	8.82	105	133690	40.439	ng	99
24) Nitrobenzene	9.21	77	88493	39.069	ng	97
25) Isophorone	9.73	82	170537	38.633	ng	99
26) 2-Nitrophenol	9.93	139	56585	39.865	ng	95
27) 2,4-Dimethylphenol	9.99	122	77835	39.808	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	108249	38.907	ng	97
29) 2,4-Dichlorophenol	10.47	162	106307	41.556	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	131411	41.851	ng	98
31) Naphthalene	10.87	128	285359	39.764	ng	99
32) Benzoic acid	10.14	122	48564	36.568	ng	99
33) 4-Chloroaniline	10.98	127	131143	39.587	ng	98
34) Hexachlorobutadiene	11.16	225	91284	43.257	ng	98
35) Caprolactam	11.75	113	32882	38.521	ng	96
36) 4-Chloro-3-methylphenol	12.11	107	96465	39.723	ng	98
37) 2-Methylnaphthalene	12.48	142	233180	40.467	ng	99
38) 1-Methylnaphthalene	12.70	142	221376	40.446	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	161022	42.961	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	98529	50.044 ng		99
43) 2,4,6-Trichlorophenol	13.09	196	103636	40.906 ng		94
44) 2,4,5-Trichlorophenol	13.17	196	106651	40.622 ng		97
46) 1,1'-Biphenyl	13.49	154	307736	40.789 ng		97
47) 2-Chloronaphthalene	13.53	162	265725	40.847 ng		99
48) 2-Nitroaniline	13.73	65	60881	38.809 ng		95
49) Acenaphthylene	14.38	152	397998	40.665 ng		100
50) Dimethylphthalate	14.11	163	345008	40.968 ng		100
51) 2,6-Dinitrotoluene	14.23	165	79263	40.606 ng		97
52) Acenaphthene	14.72	154	237174	39.909 ng		98
53) 3-Nitroaniline	14.56	138	74962	38.398 ng		100
54) 2,4-Dinitrophenol	14.77	184	43791	36.936 ng		98
55) Dibenzofuran	15.06	168	404311	41.100 ng		100
56) 4-Nitrophenol	14.89	139	52960	38.178 ng		96
57) 2,4-Dinitrotoluene	15.02	165	113822	40.720 ng		98
58) Fluorene	15.71	166	329039	40.918 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107785	41.514 ng		95
60) Diethylphthalate	15.47	149	335615	40.768 ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	201316	41.530 ng		99
62) 4-Nitroaniline	15.73	138	83616	40.020 ng		96
63) Azobenzene	15.99	77	215670	38.232 ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	69277	40.874 ng		99
66) n-Nitrosodiphenylamine	15.91	169	301063	40.496 ng		99
67) 4-Bromophenyl-phenylether	16.59	248	141281	41.202 ng		99
68) Hexachlorobenzene	16.72	284	155497	41.715 ng		96
69) Atrazine	16.86	200	92190	35.066 ng		98
70) Pentachlorophenol	17.07	266	76857	39.683 ng		97
71) Phenanthrene	17.45	178	560223	41.721 ng		100
72) Anthracene	17.54	178	559312	41.724 ng		99
73) Carbazole	17.81	167	492817	41.250 ng		99
74) Di-n-butylphthalate	18.37	149	590277	41.797 ng		100
75) Fluoranthene	19.46	202	723324	44.138 ng		97
77) Benzidine	19.64	184	304407	37.099 ng		98
78) Pyrene	19.83	202	725329	41.338 ng		98
80) Butylbenzylphthalate	20.70	149	270273	39.162 ng		100
81) Benzo(a)anthracene	21.67	228	729354	41.894 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	287748	41.096 ng		100
83) Chrysene	21.74	228	698126	41.580 ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	389448	40.643 ng		99
85) Di-n-octyl phthalate	22.78	149	668399	40.557 ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	931126	40.808 ng	#	97
88) Benzo(b)fluoranthene	23.90	252	815896	42.011 ng		98
89) Benzo(k)fluoranthene	23.90	252	815896	43.706 ng		98
90) Benzo(a)pyrene	24.77	252	768455	41.699 ng		98
91) Dibenzo(a,h)anthracene	28.69	278	758814	40.667 ng		99
92) Benzo(g,h,i)perylene	29.79	276	758243	40.630 ng		97

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

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