Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045819.D
Acq On : 19 Jun 2020 18:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 19 18:48:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	49774	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	187572	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	133395	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	316936	20.00	ng		0.00
76) Chrysene-d12	21.58	240	285791	20.00	ng		0.00
86) Perylene-d12	24.70	264	315789	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	251733	85.43	ng		0.00
7) Phenol-d6	7.15	99	382290	85.30	ng		-0.01
23) Nitrobenzene-d5	9.09	82	362909	88.39	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	171935	85.37	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	800780	88.22	ng		0.00
79) Terphenyl-d14	19.94	244	1281078	90.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	51873	38.438	ng		99
3) Pyridine	3.77	79	159248	39.821	ng		97
4) n-Nitrosodimethylamine	3.69	42	60178	44.830	ng	#	97
6) Aniline	7.25	93	220555	41.793	ng		99
8) 2-Chlorophenol	7.51	128	131484	41.689	ng		96
9) Benzaldehyde	7.05	77	109457	40.660	ng		96
10) Phenol	7.18	94	184680	42.526	ng		100
11) bis(2-Chloroethyl)ether	7.34	93	139692	42.350	ng		96
12) 1,3-Dichlorobenzene	7.81	146	161024	42.842	ng		94
13) 1,4-Dichlorobenzene	7.95	146	157782	42.028	ng		94
14) 1,2-Dichlorobenzene	8.27	146	152399	42.403	ng		98
15) Benzyl Alcohol	8.18	79	152582	43.992	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	131995	42.459	ng		83
17) 2-Methylphenol	8.41	107	136394	42.203	ng		97
18) Hexachloroethane	9.00	117	61488	43.124	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	126132	42.806	ng		99
20) 3+4-Methylphenols	8.75	107	182516	42.941	ng	#	77
22) Acetophenone	8.75	105	227429	44.176	ng		97
24) Nitrobenzene	9.13	77	190790	43.580	ng		98
25) Isophorone	9.65	82	346093	43.541	ng		100
26) 2-Nitrophenol	9.84	139	79763	43.732	ng		90
27) 2,4-Dimethylphenol	9.94	122	121695	43.703	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	177917	42.851	ng		96
29) 2,4-Dichlorophenol	10.41	162	142576	43.885	ng		92
30) 1,2,4-Trichlorobenzene	10.59	180	171396	44.563	ng		96
31) Naphthalene	10.77	128	445368	43.430	ng		99
32) Benzoic acid	10.14	122	85910	47.651	ng		91
33) 4-Chloroaniline	10.90	127	189019	44.015	ng		98
34) Hexachlorobutadiene	11.07	225	120201	43.944	ng		98
35) Caprolactam	11.68	113	49216	46.813	ng		93
36) 4-Chloro-3-methylphenol	12.07	107	160669	42.832	ng		97
37) 2-Methylnaphthalene	12.39	142	340254	44.558	ng		98
38) 1-Methylnaphthalene	12.61	142	315725	43.691	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	194057	44.180	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	87747	40.779 ng		95
43) 2,4,6-Trichlorophenol	13.02	196	128210	43.052 ng		97
44) 2,4,5-Trichlorophenol	13.12	196	147252	43.384 ng		96
46) 1,1'-Biphenyl	13.40	154	419435	43.918 ng		100
47) 2-Chloronaphthalene	13.44	162	333959	43.289 ng		98
48) 2-Nitroaniline	13.66	65	111467	43.437 ng		97
49) Acenaphthylene	14.29	152	534988	43.295 ng		99
50) Dimethylphthalate	14.03	163	458722	43.896 ng		100
51) 2,6-Dinitrotoluene	14.15	165	102531	43.684 ng		97
52) Acenaphthene	14.63	154	323827	43.234 ng		99
53) 3-Nitroaniline	14.49	138	101465	43.280 ng		93
54) 2,4-Dinitrophenol	14.70	184	55850	47.353 ng		90
55) Dibenzofuran	14.97	168	533839	43.873 ng		99
56) 4-Nitrophenol	14.87	139	62258	39.198 ng		99
57) 2,4-Dinitrotoluene	14.94	165	148552	44.174 ng		99
58) Fluorene	15.62	166	436683	43.160 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	122784	41.680 ng		98
60) Diethylphthalate	15.39	149	474404	44.408 ng		99
61) 4-Chlorophenyl-phenylether	15.61	204	253169	43.414 ng		99
62) 4-Nitroaniline	15.66	138	103381	42.967 ng		97
63) Azobenzene	15.91	77	441412	43.033 ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	90909	46.414 ng		98
66) n-Nitrosodiphenylamine	15.83	169	383176	42.685 ng		99
67) 4-Bromophenyl-phenylether	16.51	248	177429	43.084 ng		100
68) Hexachlorobenzene	16.63	284	188447	44.129 ng		96
69) Atrazine	16.78	200	150464	43.194 ng		97
70) Pentachlorophenol	16.99	266	66622	36.248 ng		95
71) Phenanthrene	17.36	178	702204	42.960 ng		99
72) Anthracene	17.45	178	703048	43.193 ng		99
73) Carbazole	17.73	167	661737	42.697 ng		100
74) Di-n-butylphthalate	18.29	149	800609	43.628 ng		99
75) Fluoranthene	19.37	202	861481	42.860 ng		100
77) Benzidine	19.56	184	362518	48.793 ng		99
78) Pyrene	19.74	202	861402	45.011 ng		99
80) Butylbenzylphthalate	20.62	149	358676	44.776 ng		95
81) Benzo(a)anthracene	21.56	228	818505	44.174 ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	307561	43.883 ng		96
83) Chrysene	21.62	228	772744	43.118 ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	484486	43.482 ng	#	96
85) Di-n-octyl phthalate	22.65	149	820225	42.676 ng		100
87) Indeno(1,2,3-cd)pyrene	28.25	276	981680	42.880 ng	#	99
88) Benzo(b)fluoranthene	23.71	252	861067	43.489 ng		98
89) Benzo(k)fluoranthene	23.78	252	814295	42.971 ng		99
90) Benzo(a)pyrene	24.56	252	795164	42.992 ng		99
91) Dibenzo(a,h)anthracene	28.31	278	798988	43.522 ng		99
92) Benzo(g,h,i)perylene	29.37	276	794112	43.217 ng		98

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

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