Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
Data File : BG042748.D
Acq On : 6 Sep 2019 14:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 06 16:46:38 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	39266	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	166373	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	134890	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	335330	20.00	ng		0.00
76) Chrysene-d12	21.69	240	261497	20.00	ng		0.00
87) Perylene-d12	24.94	264	318124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	148740	76.72	ng		-0.01
7) Phenol-d6	7.16	99	203459	77.69	ng		-0.01
23) Nitrobenzene-d5	9.17	82	188161	78.15	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	169158	88.23	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	651711	81.71	ng		0.00
79) Terphenyl-d14	20.03	244	1151461	95.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	26723	33.028	ng		97
3) Pyridine	3.82	79	75266	36.278	ng		93
4) n-Nitrosodimethylamine	3.74	42	31218	42.129	ng		89
6) Aniline	7.31	93	133070	38.096	ng		98
8) 2-Chlorophenol	7.56	128	92813	39.501	ng		98
9) Benzaldehyde	7.13	77	49188	37.516	ng		98
10) Phenol	7.19	94	102405	38.459	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	76556	36.609	ng		98
12) 1,3-Dichlorobenzene	7.88	146	117527	39.319	ng		98
13) 1,4-Dichlorobenzene	8.03	146	120511	39.803	ng		98
14) 1,2-Dichlorobenzene	8.35	146	116113	40.046	ng		97
15) Benzyl Alcohol	8.24	79	75741	40.200	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99882	35.240	ng		98
17) 2-Methylphenol	8.45	107	76565	39.039	ng		95
18) Hexachloroethane	9.08	117	39586	38.191	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	63819	37.615	ng		93
20) 3+4-Methylphenols	8.78	107	106066	39.083	ng		96
22) Acetophenone	8.82	105	142220	39.967	ng	#	100
24) Nitrobenzene	9.21	77	93071	38.175	ng		99
25) Isophorone	9.73	82	183557	38.632	ng		99
26) 2-Nitrophenol	9.93	139	61448	40.219	ng		97
27) 2,4-Dimethylphenol	9.99	122	84258	40.036	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	112762	37.654	ng		98
29) 2,4-Dichlorophenol	10.47	162	116606	42.348	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	141615	41.901	ng		99
31) Naphthalene	10.87	128	308809	39.979	ng		98
32) Benzoic acid	10.18	122	40882	30.380	ng		96
33) 4-Chloroaniline	10.98	127	144081	40.407	ng		98
34) Hexachlorobutadiene	11.16	225	100509	44.249	ng		98
35) Caprolactam	11.77	113	37865	41.212	ng		93
36) 4-Chloro-3-methylphenol	12.11	107	107648	41.183	ng		100
37) 2-Methylnaphthalene	12.48	142	255245	41.154	ng		98
38) 1-Methylnaphthalene	12.70	142	243884	41.397	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	178622	41.235	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	80589	35.417	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	115989	39.614	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	119641	39.430	ng		98
46) 1,1'-Biphenyl	13.49	154	341310	39.144	ng		99
47) 2-Chloronaphthalene	13.54	162	297615	39.585	ng		98
48) 2-Nitroaniline	13.74	65	70179	38.708	ng		95
49) Acenaphthylene	14.38	152	445438	39.380	ng		99
50) Dimethylphthalate	14.11	163	401960	41.299	ng		100
51) 2,6-Dinitrotoluene	14.23	165	93093	41.265	ng		96
52) Acenaphthene	14.72	154	268302	39.063	ng		97
53) 3-Nitroaniline	14.57	138	90616	40.163	ng		99
54) 2,4-Dinitrophenol	14.79	184	55428	39.857	ng		96
55) Dibenzofuran	15.06	168	464968	40.898	ng		99
56) 4-Nitrophenol	14.89	139	56087	34.984	ng		93
57) 2,4-Dinitrotoluene	15.03	165	137107	42.441	ng		96
58) Fluorene	15.71	166	383916	41.310	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	121119	40.364	ng		94
60) Diethylphthalate	15.47	149	396604	41.685	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	241170	43.048	ng		98
62) 4-Nitroaniline	15.74	138	98110	40.630	ng		93
63) Azobenzene	15.99	77	245116	37.598	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	82418	39.202	ng		98
66) n-Nitrosodiphenylamine	15.91	169	359479	38.981	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	172235	40.493	ng		97
68) Hexachlorobenzene	16.73	284	188136	40.688	ng		99
69) Atrazine	16.87	200	120411	36.923	ng		97
70) Pentachlorophenol	17.07	266	81264	33.825	ng		97
71) Phenanthrene	17.45	178	672910	40.399	ng		99
72) Anthracene	17.55	178	672182	40.425	ng		99
73) Carbazole	17.82	167	576314	38.889	ng		99
74) Di-n-butylphthalate	18.37	149	686371	39.181	ng		100
75) Fluoranthene	19.47	202	804334	39.568	ng		96
77) Benzidine	19.64	184	278236	37.112	ng		99
78) Pyrene	19.83	202	787308	49.108	ng		99
80) Butylbenzylphthalate	20.71	149	233211	36.983	ng		95
81) Benzo(a)anthracene	21.67	228	660461	41.519	ng		96
82) 3,3'-Dichlorobenzidine	21.58	252	253409	39.610	ng		97
83) Chrysene	21.74	228	628961	40.998	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	330353	37.732	ng		99
85) Di-n-octyl phthalate	22.78	149	585600	38.889	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	834278	40.017	ng	#	97
88) Benzo(b)fluoranthene	23.91	252	714152	40.834	ng	#	98
89) Benzo(k)fluoranthene	23.98	252	702663	41.798	ng	#	98
90) Benzo(a)pyrene	24.79	252	685395	41.299	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	678259	40.364	ng		97
92) Benzo(g,h,i)perylene	29.83	276	677607	40.320	ng		97

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

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