Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
Data File : BG044954.D
Acq On : 7 Apr 2020 14:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 07 14:58:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89431	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	332360	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	225584	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	545732	20.00	ng		0.00
76) Chrysene-d12	21.69	240	575148	20.00	ng		0.00
87) Perylene-d12	24.90	264	654661	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	418381	72.83	ng		0.00
7) Phenol-d6	7.20	99	591026	70.81	ng		0.00
23) Nitrobenzene-d5	9.20	82	569195	75.15	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	250392	84.77	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	1256692	79.78	ng		0.00
79) Terphenyl-d14	20.03	244	2145105	69.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	105190	38.023	ng	#	80
3) Pyridine	3.91	79	293511	35.838	ng	#	76
4) n-Nitrosodimethylamine	3.82	42	91245	29.364	ng	#	69
6) Aniline	7.36	93	383453	36.919	ng		94
8) 2-Chlorophenol	7.61	128	215233	37.530	ng		92
9) Benzaldehyde	7.17	77	179759	33.839	ng		93
10) Phenol	7.23	94	298145	36.079	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	233404	35.390	ng		95
12) 1,3-Dichlorobenzene	7.94	146	260295	36.845	ng		96
13) 1,4-Dichlorobenzene	8.08	146	259167	37.107	ng		98
14) 1,2-Dichlorobenzene	8.40	146	249532	37.672	ng		99
15) Benzyl Alcohol	8.28	79	224219	33.480	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	225228	19.352	ng		83
17) 2-Methylphenol	8.48	107	215870	38.564	ng		96
18) Hexachloroethane	9.14	117	94330	34.306	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	190076	32.250	ng	#	88
20) 3+4-Methylphenols	8.81	107	298180	38.642	ng		98
22) Acetophenone	8.86	105	337278	35.821	ng		94
24) Nitrobenzene	9.24	77	297355	37.836	ng		98
25) Isophorone	9.77	82	535925	36.255	ng		96
26) 2-Nitrophenol	9.96	139	99989	37.952	ng		91
27) 2,4-Dimethylphenol	10.02	122	191368	39.753	ng		92
28) bis(2-Chloroethoxy)methane	10.25	93	299218	33.918	ng		99
29) 2,4-Dichlorophenol	10.49	162	224208	39.875	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	268494	39.936	ng		94
31) Naphthalene	10.90	128	720675	39.143	ng		98
32) Benzoic acid	10.15	122	92021	29.264	ng		93
33) 4-Chloroaniline	11.00	127	319260	38.489	ng		96
34) Hexachlorobutadiene	11.20	225	184671	41.769	ng		97
35) Caprolactam	11.77	113	73711	34.625	ng	#	62
36) 4-Chloro-3-methylphenol	12.13	107	246665	36.783	ng		98
37) 2-Methylnaphthalene	12.50	142	537598	39.035	ng		96
38) 1-Methylnaphthalene	12.72	142	499673	38.592	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	297028	39.981	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	143334	35.303	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	188883	38.310	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	217960	42.628	ng		98
46) 1,1'-Biphenyl	13.51	154	698783	38.763	ng		96
47) 2-Chloronaphthalene	13.55	162	518982	37.686	ng		96
48) 2-Nitroaniline	13.74	65	149487	31.006	ng		94
49) Acenaphthylene	14.40	152	844836	39.159	ng		100
50) Dimethylphthalate	14.13	163	683565	38.046	ng		99
51) 2,6-Dinitrotoluene	14.24	165	151184	41.746	ng		97
52) Acenaphthene	14.74	154	534607	37.837	ng		96
53) 3-Nitroaniline	14.57	138	169700	40.757	ng		99
54) 2,4-Dinitrophenol	14.77	184	38179	26.398	ng	#	76
55) Dibenzofuran	15.07	168	835588	40.782	ng		99
56) 4-Nitrophenol	14.87	139	120932	38.057	ng		88
57) 2,4-Dinitrotoluene	15.03	165	216091	43.507	ng		97
58) Fluorene	15.72	166	684183	40.593	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	190973	40.568	ng		98
60) Diethylphthalate	15.49	149	706931	37.725	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	389578	42.926	ng		98
62) 4-Nitroaniline	15.73	138	177693	40.023	ng		92
63) Azobenzene	16.01	77	714994	36.742	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	82068	34.540	ng		82
66) n-Nitrosodiphenylamine	15.93	169	608445	37.032	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	274767	40.274	ng		98
68) Hexachlorobenzene	16.73	284	282205	38.128	ng		96
69) Atrazine	16.88	200	225970	37.539	ng		98
70) Pentachlorophenol	17.07	266	149531	36.718	ng		97
71) Phenanthrene	17.47	178	1134916	38.916	ng		99
72) Anthracene	17.55	178	1148454	39.937	ng		100
73) Carbazole	17.82	167	1133737	41.044	ng		99
74) Di-n-butylphthalate	18.39	149	1272846	37.907	ng		100
75) Fluoranthene	19.47	202	1482617	42.698	ng		100
77) Benzidine	19.64	184	658159	35.249	ng		99
78) Pyrene	19.83	202	1505400	35.676	ng		99
80) Butylbenzylphthalate	20.72	149	558077	29.729	ng		99
81) Benzo(a)anthracene	21.67	228	1500544	36.232	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	556070	34.707	ng		99
83) Chrysene	21.74	228	1435039	36.274	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	809562	31.247	ng		99
85) Di-n-octyl phthalate	22.81	149	1365944	31.506	ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.55	276	1897597	36.587	ng	#	98
88) Benzo(b)fluoranthene	23.89	252	1586233	36.702	ng		99
89) Benzo(k)fluoranthene	23.95	252	1580613	38.646	ng		99
90) Benzo(a)pyrene	24.75	252	1529050	37.810	ng		98
91) Dibenzo(a,h)anthracene	28.61	278	1512926	37.921	ng		98
92) Benzo(g,h,i)perylene	29.69	276	1553768	38.547	ng		95

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

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