Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044886.D
Acq On : 19 Mar 2020 7:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 19 07:39:48 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 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	87623	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	343328	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	240181	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	550794	20.00	ng	0.00
76) Chrysene-d12	21.69	240	492434	20.00	ng	-0.01
87) Perylene-d12	24.90	264	595858	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	444678	79.00	ng	0.00
7) Phenol-d6	7.20	99	634717	77.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	625039	79.89	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	284180	90.36	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1320138	78.71	ng	0.00
79) Terphenyl-d14	20.03	244	2078388	78.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	98839	36.464	ng	98
3) Pyridine	3.92	79	301646	37.592	ng	97
4) n-Nitrosodimethylamine	3.83	42	118712	38.991	ng	94
6) Aniline	7.36	93	383516	37.687	ng	99
8) 2-Chlorophenol	7.61	128	221774	39.469	ng	98
9) Benzaldehyde	7.18	77	174642	33.461	ng	99
10) Phenol	7.23	94	311247	38.441	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	237185	36.706	ng	99
12) 1,3-Dichlorobenzene	7.93	146	269938	38.998	ng	97
13) 1,4-Dichlorobenzene	8.08	146	270676	39.555	ng	98
14) 1,2-Dichlorobenzene	8.40	146	252513	38.908	ng	98
15) Benzyl Alcohol	8.27	79	252894	38.541	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	379657	33.293	ng	100
17) 2-Methylphenol	8.48	107	208390	37.996	ng	98
18) Hexachloroethane	9.13	117	107731	39.988	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	204452	35.405	ng	97
20) 3+4-Methylphenols	8.81	107	296456	39.212	ng	98
22) Acetophenone	8.86	105	367908	37.825	ng	98
24) Nitrobenzene	9.24	77	306826	37.794	ng	97
25) Isophorone	9.77	82	572367	37.483	ng	98
26) 2-Nitrophenol	9.96	139	130340	46.447	ng	95
27) 2,4-Dimethylphenol	10.01	122	189614	38.130	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	335328	36.797	ng	98
29) 2,4-Dichlorophenol	10.50	162	240148	41.346	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	280385	40.372	ng	96
31) Naphthalene	10.90	128	733426	38.563	ng	99
32) Benzoic acid	10.16	122	152307	41.065	ng	94
33) 4-Chloroaniline	11.00	127	327675	38.241	ng	97
34) Hexachlorobutadiene	11.20	225	190764	41.769	ng	97
35) Caprolactam	11.77	113	92582	42.100	ng	94
36) 4-Chloro-3-methylphenol	12.12	107	273380	39.464	ng	96
37) 2-Methylnaphthalene	12.51	142	555040	39.014	ng	96
38) 1-Methylnaphthalene	12.72	142	514560	38.472	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	314635	39.777	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	182188	42.146 ng		97
43) 2,4,6-Trichlorophenol	13.10	196	219370	41.790 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	221040	40.603 ng		94
46) 1,1'-Biphenyl	13.51	154	729022	37.983 ng		100
47) 2-Chloronaphthalene	13.55	162	556491	37.954 ng		98
48) 2-Nitroaniline	13.75	65	213553	41.603 ng		96
49) Acenaphthylene	14.40	152	892596	38.859 ng		99
50) Dimethylphthalate	14.13	163	743711	38.878 ng		100
51) 2,6-Dinitrotoluene	14.24	165	167520	43.445 ng		98
52) Acenaphthene	14.74	154	603255	40.101 ng		99
53) 3-Nitroaniline	14.57	138	185177	41.772 ng		93
54) 2,4-Dinitrophenol	14.77	184	98709	52.216 ng		92
55) Dibenzofuran	15.07	168	854486	39.169 ng		97
56) 4-Nitrophenol	14.87	139	145431	42.985 ng		96
57) 2,4-Dinitrotoluene	15.03	165	240745	45.525 ng		97
58) Fluorene	15.73	166	705958	39.340 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	213666	42.630 ng		95
60) Diethylphthalate	15.50	149	775107	38.849 ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	388445	40.200 ng		98
62) 4-Nitroaniline	15.73	138	193622	40.960 ng		92
63) Azobenzene	16.01	77	748481	36.125 ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	128122	49.201 ng		97
66) n-Nitrosodiphenylamine	15.93	169	630487	38.021 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	272196	39.531 ng		97
68) Hexachlorobenzene	16.74	284	299544	40.098 ng		100
69) Atrazine	16.88	200	224700	36.985 ng		97
70) Pentachlorophenol	17.07	266	178036	43.315 ng		97
71) Phenanthrene	17.46	178	1154890	39.237 ng		99
72) Anthracene	17.55	178	1126929	38.829 ng		99
73) Carbazole	17.82	167	1099413	39.435 ng		100
74) Di-n-butylphthalate	18.39	149	1346745	39.739 ng		99
75) Fluoranthene	19.47	202	1426150	40.694 ng		99
77) Benzidine	19.64	184	749231	46.867 ng		99
78) Pyrene	19.83	202	1428047	39.527 ng		99
80) Butylbenzylphthalate	20.72	149	642731	39.989 ng		99
81) Benzo(a)anthracene	21.67	228	1430023	40.329 ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	568389	41.434 ng		98
83) Chrysene	21.74	228	1338867	39.528 ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	860707	38.802 ng	#	97
85) Di-n-octyl phthalate	22.80	149	1496430	40.313 ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1807629	40.707 ng		99
88) Benzo(b)fluoranthene	23.88	252	1550349	39.412 ng		99
89) Benzo(k)fluoranthene	23.95	252	1451148	38.982 ng		99
90) Benzo(a)pyrene	24.74	252	1452533	39.462 ng		97
91) Dibenzo(a,h)anthracene	28.61	278	1432060	39.436 ng		98
92) Benzo(g,h,i)perylene	29.68	276	1446883	39.437 ng		96

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

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