Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042326.D
Acq On : 19 Aug 2019 13:02
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Quant Time: Aug 19 13:47:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 11:30:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74937	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	307602	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	215880	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	462795	20.00	ng		0.00
76) Chrysene-d12	21.70	240	443688	20.00	ng		0.00
87) Perylene-d12	24.94	264	534527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	713147	185.16	ng		0.00
7) Phenol-d6	7.18	99	951438	183.23	ng		0.02
23) Nitrobenzene-d5	9.18	82	857704	191.88	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	562933	229.57	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	2206918	180.30	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	154585	85.273	ng		99
3) Pyridine	3.83	79	402102	80.886	ng		98
4) n-Nitrosodimethylamine	3.75	42	147486	74.840	ng		98
6) Aniline	7.33	93	638897	87.381	ng		99
8) 2-Chlorophenol	7.57	128	428078	97.061	ng		97
10) Phenol	7.20	94	485349	89.845	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	393136	88.524	ng		100
12) 1,3-Dichlorobenzene	7.90	146	548206	95.237	ng		97
13) 1,4-Dichlorobenzene	8.04	146	550545	95.585	ng		97
14) 1,2-Dichlorobenzene	8.37	146	522656	95.098	ng		97
15) Benzyl Alcohol	8.26	79	354640	86.813	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	528513	66.892	ng		98
17) 2-Methylphenol	8.46	107	363256	92.462	ng		99
18) Hexachloroethane	9.10	117	194529	98.625	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	309046	81.979	ng		99
20) 3+4-Methylphenols	8.80	107	502980	93.557	ng		99
22) Acetophenone	8.84	105	626452	91.050	ng	#	95
24) Nitrobenzene	9.23	77	436983	92.796	ng		100
25) Isophorone	9.76	82	841198	86.511	ng		98
26) 2-Nitrophenol	9.94	139	282208	129.126	ng		99
27) 2,4-Dimethylphenol	10.00	122	380660	98.685	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	540360	88.928	ng		98
29) 2,4-Dichlorophenol	10.48	162	496733	105.747	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	606900	101.885	ng		98
31) Naphthalene	10.88	128	1323390	94.004	ng		95
32) Benzoic acid	10.23	122	321319	135.047	ng		98
33) 4-Chloroaniline	10.99	127	623412	93.378	ng		97
34) Hexachlorobutadiene	11.18	225	411298	102.307	ng		99
35) Caprolactam	11.82	113	157537m	96.502	ng		
36) 4-Chloro-3-methylphenol	12.13	107	447137	96.013	ng		98
37) 2-Methylnaphthalene	12.49	142	1053902	94.577	ng		98
38) 1-Methylnaphthalene	12.72	142	994500	94.174	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	675863	98.904	ng		99
41) Hexachlorocyclopentadiene	12.84	237	419494	109.187	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	466040	107.903 ng		98
44) 2,4,5-Trichlorophenol	13.18	196	476365	106.135 ng		97
46) 1,1'-Biphenyl	13.50	154	1318581	95.017 ng		94
47) 2-Chloronaphthalene	13.55	162	1134736	96.041 ng		96
48) 2-Nitroaniline	13.75	65	284831	95.052 ng		99
49) Acenaphthylene	14.40	152	1635869	92.560 ng		95
50) Dimethylphthalate	14.13	163	1389064	94.215 ng		97
51) 2,6-Dinitrotoluene	14.25	165	343767	111.507 ng		98
52) Acenaphthene	14.74	154	1028841	89.505 ng		99
53) 3-Nitroaniline	14.58	138	343851	104.255 ng		99
54) 2,4-Dinitrophenol	14.79	184	237016	160.990 ng		99
55) Dibenzofuran	15.07	168	1582780	90.024 ng		93
56) 4-Nitrophenol	14.90	139	262045	104.669 ng		98
57) 2,4-Dinitrotoluene	15.04	165	483200	113.971 ng		99
58) Fluorene	15.72	166	1290673	91.475 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	449169	101.044 ng		99
60) Diethylphthalate	15.49	149	1330041	91.886 ng		95
61) 4-Chlorophenyl-phenylether	15.71	204	801957	93.102 ng		97
62) 4-Nitroaniline	15.75	138	360843	101.009 ng		98
63) Azobenzene	16.01	77	952613	80.564 ng		95
65) 4,6-Dinitro-2-methylphenol	15.81	198	308475	151.982 ng		97
66) n-Nitrosodiphenylamine	15.93	169	1198914	95.105 ng		97
67) 4-Bromophenyl-phenylether	16.61	248	574513	100.779 ng		99
68) Hexachlorobenzene	16.73	284	611783	102.580 ng		96
70) Pentachlorophenol	17.08	266	365070	107.753 ng		98
71) Phenanthrene	17.47	178	2000745	90.192 ng		93
72) Anthracene	17.56	178	1991799	90.029 ng		92
73) Carbazole	17.83	167	1810265	91.164 ng		94
74) Di-n-butylphthalate	18.38	149	2018896	89.681 ng	#	94
75) Fluoranthene	19.48	202	2295267	85.124 ng		91
77) Benzidine	19.65	184	1012650	69.925 ng	#	94
78) Pyrene	19.84	202	2262500	86.066 ng	#	89
80) Butylbenzylphthalate	20.72	149	1013582	100.566 ng		97
81) Benzo(a)anthracene	21.68	228	2377475	90.568 ng	#	90
82) 3,3'-Dichlorobenzidine	21.59	252	994217	94.332 ng		99
83) Chrysene	21.75	228	2251379	89.472 ng		90
84) Bis(2-ethylhexyl)phthalate	21.59	149	1358912	97.744 ng		93
85) Di-n-octyl phthalate	22.81	149	2295808	98.121 ng		98
86) Indeno(1,2,3-cd)pyrene	28.69	276	3384444	101.604 ng		99
88) Benzo(b)fluoranthene	23.93	252	2757213	94.293 ng		96
89) Benzo(k)fluoranthene	24.00	252	2482932	87.170 ng		94
90) Benzo(a)pyrene	24.81	252	2611501	93.121 ng		95
91) Dibenzo(a,h)anthracene	28.76	278	2668408	96.903 ng		97
92) Benzo(g,h,i)perylene	29.86	276	2716126	98.727 ng		98

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

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