Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032819\
Data File : BG040211.D
Acq On : 28 Mar 2019 23:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 29 01:41:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63499	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	274872	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	172353	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	416237	20.00	ng		0.00
76) Chrysene-d12	21.73	240	407059	20.00	ng		0.00
87) Perylene-d12	25.03	264	423760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	286936	75.12	ng		0.00
7) Phenol-d6	7.22	99	403067	76.35	ng		0.00
23) Nitrobenzene-d5	9.25	82	386642	74.77	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	150498	80.80	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	884480	76.04	ng		0.00
79) Terphenyl-d14	20.05	244	1319594	72.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	66280	36.903	ng		95
3) Pyridine	3.92	79	191337	39.566	ng		100
4) n-Nitrosodimethylamine	3.85	42	82508	36.885	ng	#	93
6) Aniline	7.40	93	252826	36.864	ng		97
8) 2-Chlorophenol	7.63	128	164805	36.858	ng		95
9) Benzaldehyde	7.21	77	136078	37.580	ng		97
10) Phenol	7.25	94	218812	38.188	ng		98
11) bis(2-Chloroethyl)ether	7.49	93	167767	36.557	ng		98
12) 1,3-Dichlorobenzene	7.95	146	175935	36.196	ng		92
13) 1,4-Dichlorobenzene	8.11	146	179440	37.066	ng		99
14) 1,2-Dichlorobenzene	8.42	146	172462	37.253	ng		98
15) Benzyl Alcohol	8.31	79	155654	36.613	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	317414	36.039	ng		98
17) 2-Methylphenol	8.51	107	145853	36.786	ng		97
18) Hexachloroethane	9.15	117	65681	35.668	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	137483	36.325	ng		95
20) 3+4-Methylphenols	8.84	107	200827	37.389	ng		99
22) Acetophenone	8.90	105	256775	37.449	ng	#	98
24) Nitrobenzene	9.29	77	198784	37.121	ng		99
25) Isophorone	9.80	82	396392	37.254	ng		98
26) 2-Nitrophenol	10.00	139	96998	38.227	ng		97
27) 2,4-Dimethylphenol	10.04	122	149565	37.108	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	236566	37.579	ng		99
29) 2,4-Dichlorophenol	10.53	162	168077	38.419	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	180773	37.631	ng		97
31) Naphthalene	10.94	128	537154	38.125	ng		99
32) Benzoic acid	10.19	122	85347	35.047	ng		97
33) 4-Chloroaniline	11.05	127	231087	38.452	ng		96
34) Hexachlorobutadiene	11.20	225	114766	37.356	ng		96
35) Caprolactam	11.84	113	64823	37.338	ng		96
36) 4-Chloro-3-methylphenol	12.15	107	190137	37.805	ng		98
37) 2-Methylnaphthalene	12.53	142	397675	38.164	ng		99
38) 1-Methylnaphthalene	12.75	142	388180	38.417	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	204029	37.245	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	110232	36.649 ng	96
43) 2,4,6-Trichlorophenol	13.14	196	136375	38.613 ng	97
44) 2,4,5-Trichlorophenol	13.21	196	144091	37.430 ng	98
46) 1,1'-Biphenyl	13.54	154	512417	37.628 ng	100
47) 2-Chloronaphthalene	13.58	162	395946	37.904 ng	99
48) 2-Nitroaniline	13.79	65	133007	37.748 ng	97
49) Acenaphthylene	14.43	152	681480	38.478 ng	99
50) Dimethylphthalate	14.15	163	517296	38.349 ng	99
51) 2,6-Dinitrotoluene	14.28	165	117408	38.764 ng	99
52) Acenaphthene	14.76	154	386605	38.094 ng	97
53) 3-Nitroaniline	14.62	138	124582	38.858 ng	95
54) 2,4-Dinitrophenol	14.82	184	61217	38.005 ng	90
55) Dibenzofuran	15.10	168	636816	39.051 ng	99
56) 4-Nitrophenol	14.91	139	102499	39.612 ng	97
57) 2,4-Dinitrotoluene	15.07	165	167027	39.688 ng	98
58) Fluorene	15.74	166	496482	38.724 ng	95
59) 2,3,4,6-Tetrachlorophenol	15.32	232	137850	39.461 ng	98
60) Diethylphthalate	15.50	149	538242	38.994 ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	263423	38.437 ng	99
62) 4-Nitroaniline	15.78	138	137108	39.850 ng	98
63) Azobenzene	16.03	77	497048	38.176 ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	90925	38.882 ng	97
66) n-Nitrosodiphenylamine	15.95	169	457771	37.583 ng	98
67) 4-Bromophenyl-phenylether	16.63	248	173686	37.080 ng	95
68) Hexachlorobenzene	16.74	284	180138	38.249 ng	96
69) Atrazine	16.89	200	169667	37.446 ng	99
70) Pentachlorophenol	17.09	266	102826	37.764 ng	94
71) Phenanthrene	17.49	178	836693	38.243 ng	100
72) Anthracene	17.58	178	824014	37.629 ng	99
73) Carbazole	17.85	167	786709	37.961 ng	99
74) Di-n-butylphthalate	18.38	149	921837	37.526 ng	100
75) Fluoranthene	19.49	202	992564	38.313 ng	99
77) Benzidine	19.68	184	558052	37.964 ng	100
78) Pyrene	19.86	202	1003848	37.501 ng	99
80) Butylbenzylphthalate	20.73	149	413581	36.106 ng	97
81) Benzo(a)anthracene	21.70	228	929146	37.058 ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	352540	36.963 ng	96
83) Chrysene	21.77	228	886329	36.783 ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	582033	35.546 ng	99
85) Di-n-octyl phthalate	22.80	149	976533	35.004 ng	99
86) Indeno(1,2,3-cd)pyrene	28.81	276	1088697	36.941 ng	99
88) Benzo(b)fluoranthene	23.97	252	946895	36.497 ng	99
89) Benzo(k)fluoranthene	24.03	252	900334	37.736 ng	99
90) Benzo(a)pyrene	24.87	252	904192	37.145 ng	100
91) Dibenzo(a,h)anthracene	28.88	278	861002	38.084 ng	98
92) Benzo(g,h,i)perylene	30.01	276	887941	38.216 ng	100

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

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