Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041396.D
Acq On : 22 Jun 2019 6:03
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 24 01:36:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	35677	20.00	ng		-0.03
21) Naphthalene-d8	10.88	136	144356	20.00	ng		-0.03
39) Acenaphthene-d10	14.70	164	98613	20.00	ng		-0.02
64) Phenanthrene-d10	17.44	188	234806	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	222833	20.00	ng		-0.03
87) Perylene-d12	25.01	264	243376	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	145430	74.90	ng		-0.03
7) Phenol-d6	7.21	99	212088	75.36	ng		-0.02
23) Nitrobenzene-d5	9.24	82	266794	77.73	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	110526	73.01	ng		-0.02
45) 2-Fluorobiphenyl	13.32	172	597838	82.40	ng		-0.02
79) Terphenyl-d14	20.04	244	953020	84.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	33796	34.711	ng		99
3) Pyridine	3.86	79	86684	33.560	ng		98
4) n-Nitrosodimethylamine	3.78	42	48482	35.197	ng		92
6) Aniline	7.38	93	147495	37.702	ng		99
8) 2-Chlorophenol	7.62	128	88272	38.690	ng		98
9) Benzaldehyde	7.19	77	69942	38.853	ng		94
10) Phenol	7.24	94	115567	38.184	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	84206	36.668	ng		100
12) 1,3-Dichlorobenzene	7.94	146	112320	39.319	ng		92
13) 1,4-Dichlorobenzene	8.09	146	111892	38.345	ng		95
14) 1,2-Dichlorobenzene	8.41	146	109185	39.174	ng		95
15) Benzyl Alcohol	8.30	79	94357	34.991	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	133672	35.558	ng		99
17) 2-Methylphenol	8.50	107	83304	38.499	ng		94
18) Hexachloroethane	9.13	117	44020	38.068	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	80415	35.326	ng		94
20) 3+4-Methylphenols	8.83	107	112546	39.072	ng		94
22) Acetophenone	8.89	105	156087	37.157	ng	#	98
24) Nitrobenzene	9.28	77	128770	37.302	ng		95
25) Isophorone	9.79	82	225772	35.852	ng		99
26) 2-Nitrophenol	9.99	139	53788	38.432	ng		95
27) 2,4-Dimethylphenol	10.04	122	77636	37.007	ng		93
28) bis(2-Chloroethoxy)methane	10.27	93	121419	37.005	ng		99
29) 2,4-Dichlorophenol	10.53	162	104121	40.028	ng		94
30) 1,2,4-Trichlorobenzene	10.74	180	131141	39.365	ng		96
31) Naphthalene	10.93	128	302010	38.494	ng		98
32) Benzoic acid	10.20	122	55112	40.356	ng		96
33) 4-Chloroaniline	11.04	127	127260	38.193	ng		97
34) Hexachlorobutadiene	11.18	225	100694	38.079	ng		98
35) Caprolactam	11.84	113	30962	34.575	ng	#	83
36) 4-Chloro-3-methylphenol	12.16	107	109625	36.486	ng		96
37) 2-Methylnaphthalene	12.53	142	218813	37.867	ng		97
38) 1-Methylnaphthalene	12.75	142	204755	37.036	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	160810	39.491	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	39231	14.303	ng		98
43) 2,4,6-Trichlorophenol	13.14	196	99411	39.464	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	99253	38.294	ng		98
46) 1,1'-Biphenyl	13.53	154	291067	39.043	ng		99
47) 2-Chloronaphthalene	13.58	162	255326	39.780	ng		98
48) 2-Nitroaniline	13.79	65	89458	38.056	ng		91
49) Acenaphthylene	14.42	152	370038	37.993	ng		99
50) Dimethylphthalate	14.15	163	319762	36.443	ng		100
51) 2,6-Dinitrotoluene	14.28	165	67212	36.329	ng		91
52) Acenaphthene	14.76	154	219327	38.349	ng		94
53) 3-Nitroaniline	14.62	138	68272	37.455	ng		96
54) 2,4-Dinitrophenol	14.83	184	9829	11.787	ng	#	83
55) Dibenzofuran	15.09	168	374570	37.668	ng		99
56) 4-Nitrophenol	14.93	139	46144	35.200	ng		97
57) 2,4-Dinitrotoluene	15.07	165	95915	35.466	ng		94
58) Fluorene	15.74	166	289954	37.067	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	98537	36.763	ng		98
60) Diethylphthalate	15.50	149	319808	35.860	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	185790	36.505	ng		98
62) 4-Nitroaniline	15.78	138	72442	37.159	ng		93
63) Azobenzene	16.02	77	282551	35.513	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	17428	11.435	ng		91
66) n-Nitrosodiphenylamine	15.94	169	258415	41.448	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	120658	39.741	ng		96
68) Hexachlorobenzene	16.74	284	128093	39.399	ng		96
69) Atrazine	16.88	200	89297	37.238	ng		93
70) Pentachlorophenol	17.09	266	65570	39.386	ng		97
71) Phenanthrene	17.49	178	481197	38.425	ng		98
72) Anthracene	17.58	178	487074	39.452	ng		99
73) Carbazole	17.85	167	414747	38.402	ng		99
74) Di-n-butylphthalate	18.38	149	512503	38.031	ng		99
75) Fluoranthene	19.49	202	597033	35.886	ng		99
77) Benzidine	19.67	184	220761	40.959	ng		97
78) Pyrene	19.86	202	590965	39.324	ng		100
80) Butylbenzylphthalate	20.71	149	223403	39.302	ng		98
81) Benzo(a)anthracene	21.70	228	589142	39.048	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	217588	41.082	ng		98
83) Chrysene	21.77	228	570203	39.298	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	308648	39.843	ng		100
85) Di-n-octyl phthalate	22.78	149	525379	40.087	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	657793	38.211	ng	#	96
88) Benzo(b)fluoranthene	23.96	252	577742	38.305	ng		99
89) Benzo(k)fluoranthene	24.03	252	558594	37.385	ng		99
90) Benzo(a)pyrene	24.86	252	542821	38.107	ng		100
91) Dibenzo(a,h)anthracene	28.86	278	544471	37.967	ng		98
92) Benzo(g,h,i)perylene	29.99	276	510278	36.006	ng		96

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

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