Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
Data File : BG041400.D
Acq On : 22 Jun 2019 12:58
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 24 02:07:50 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	20542	20.00	ng		-0.03
21) Naphthalene-d8	10.87	136	79636	20.00	ng		-0.04
39) Acenaphthene-d10	14.69	164	58166	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	165849	20.00	ng		-0.03
76) Chrysene-d12	21.71	240	190465	20.00	ng		-0.03
87) Perylene-d12	25.00	264	209373	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	87557	78.32	ng		-0.03
7) Phenol-d6	7.21	99	126008	77.76	ng		-0.03
23) Nitrobenzene-d5	9.23	82	142823	75.43	ng		-0.03
42) 2,4,6-Tribromophenol	16.18	330	71591	80.17	ng		-0.03
45) 2-Fluorobiphenyl	13.31	172	328885	76.85	ng		-0.03
79) Terphenyl-d14	20.03	244	759966	79.07	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	20189	36.013	ng		98
3) Pyridine	3.84	79	53450	35.940	ng		97
4) n-Nitrosodimethylamine	3.77	42	27673	34.892	ng		97
6) Aniline	7.37	93	84742	37.621	ng		99
8) 2-Chlorophenol	7.61	128	50064	38.111	ng		97
9) Benzaldehyde	7.19	77	39151	37.772	ng		89
10) Phenol	7.24	94	67650	38.820	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	50688	38.335	ng		96
12) 1,3-Dichlorobenzene	7.93	146	65286	39.692	ng		93
13) 1,4-Dichlorobenzene	8.08	146	63941	38.057	ng		97
14) 1,2-Dichlorobenzene	8.40	146	61739	38.472	ng		93
15) Benzyl Alcohol	8.29	79	54562	35.141	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	75727	34.986	ng		97
17) 2-Methylphenol	8.49	107	48044	38.563	ng		97
18) Hexachloroethane	9.13	117	25458	38.237	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	46950	35.821	ng		99
20) 3+4-Methylphenols	8.83	107	64041	38.613	ng		99
22) Acetophenone	8.88	105	89932	38.807	ng	#	95
24) Nitrobenzene	9.27	77	73394	38.539	ng		99
25) Isophorone	9.79	82	133771	38.507	ng		99
26) 2-Nitrophenol	9.98	139	30694	39.755	ng		95
27) 2,4-Dimethylphenol	10.03	122	43799	37.845	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	69123	38.187	ng		98
29) 2,4-Dichlorophenol	10.52	162	58639	40.864	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	71629	38.975	ng		96
31) Naphthalene	10.92	128	168079	38.834	ng		97
32) Benzoic acid	10.17	122	31460	41.758	ng		93
33) 4-Chloroaniline	11.04	127	73535	40.005	ng		93
34) Hexachlorobutadiene	11.18	225	54920	37.647	ng		94
35) Caprolactam	11.82	113	20116	40.720	ng		92
36) 4-Chloro-3-methylphenol	12.15	107	64700	39.034	ng		99
37) 2-Methylnaphthalene	12.52	142	122362	38.385	ng		99
38) 1-Methylnaphthalene	12.74	142	116948	38.345	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	91510	38.100	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	57574	35.586	ng		94
43) 2,4,6-Trichlorophenol	13.13	196	58711	39.514	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	59267	38.767	ng		98
46) 1,1'-Biphenyl	13.52	154	165450	37.625	ng		99
47) 2-Chloronaphthalene	13.57	162	144943	38.285	ng		98
48) 2-Nitroaniline	13.79	65	51364	37.045	ng		92
49) Acenaphthylene	14.41	152	220040	38.302	ng		99
50) Dimethylphthalate	14.14	163	202235	39.076	ng		98
51) 2,6-Dinitrotoluene	14.27	165	42227	38.696	ng		96
52) Acenaphthene	14.76	154	128389	38.059	ng		95
53) 3-Nitroaniline	14.61	138	43669	40.617	ng	#	97
54) 2,4-Dinitrophenol	14.82	184	27166	37.371	ng		96
55) Dibenzofuran	15.08	168	228618	38.978	ng		98
56) 4-Nitrophenol	14.92	139	32020	40.843	ng		97
57) 2,4-Dinitrotoluene	15.06	165	64172	40.229	ng		96
58) Fluorene	15.74	166	182251	39.500	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	61625	38.980	ng		98
60) Diethylphthalate	15.49	149	209547	39.835	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	115978	38.634	ng		98
62) 4-Nitroaniline	15.77	138	49737	43.253	ng		99
63) Azobenzene	16.01	77	176157	37.537	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	41289	38.355	ng		98
66) n-Nitrosodiphenylamine	15.94	169	166475	37.803	ng		100
67) 4-Bromophenyl-phenylether	16.61	248	78077	36.408	ng		99
68) Hexachlorobenzene	16.73	284	85281	37.137	ng		97
69) Atrazine	16.88	200	66778	40.826	ng		98
70) Pentachlorophenol	17.08	266	45738	38.897	ng		97
71) Phenanthrene	17.48	178	338568	38.276	ng		98
72) Anthracene	17.57	178	339493	38.931	ng		99
73) Carbazole	17.85	167	313484	41.095	ng		98
74) Di-n-butylphthalate	18.37	149	398245	41.840	ng		98
75) Fluoranthene	19.49	202	478725	40.739	ng		98
77) Benzidine	19.67	184	196078	42.562	ng		100
78) Pyrene	19.84	202	490571	38.191	ng		99
80) Butylbenzylphthalate	20.71	149	196418	40.427	ng		96
81) Benzo(a)anthracene	21.69	228	505045	39.162	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	190511	42.083	ng		99
83) Chrysene	21.75	228	490802	39.574	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	275173	41.559	ng		99
85) Di-n-octyl phthalate	22.78	149	470776	42.025	ng		98
86) Indeno(1,2,3-cd)pyrene	28.77	276	592533	40.270	ng	#	98
88) Benzo(b)fluoranthene	23.94	252	492310	37.941	ng		98
89) Benzo(k)fluoranthene	24.01	252	501355	39.003	ng		99
90) Benzo(a)pyrene	24.84	252	474552	38.725	ng		98
91) Dibenzo(a,h)anthracene	28.84	278	485386	39.343	ng		99
92) Benzo(g,h,i)perylene	29.96	276	475503	39.001	ng		98

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

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