Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\
Data File : BG041464.D
Acq On : 26 Jun 2019 10:57
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Quant Time: Jun 26 13:24:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 13:18:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	23485	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	94067	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	69513	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	185091	20.00	ng		0.00
76) Chrysene-d12	21.71	240	200124	20.00	ng		0.00
87) Perylene-d12	25.00	264	212584	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	49548	38.77	ng		0.00
7) Phenol-d6	7.19	99	70776	38.20	ng		0.00
23) Nitrobenzene-d5	9.21	82	88419	39.53	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	43424	40.69	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	214141	41.87	ng		0.00
79) Terphenyl-d14	20.03	244	437121	43.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	10415	16.250	ng		91
3) Pyridine	3.83	79	30410	17.885	ng		97
4) n-Nitrosodimethylamine	3.75	42	15561	17.162	ng	#	90
6) Aniline	7.36	93	46808	18.176	ng		98
8) 2-Chlorophenol	7.59	128	30198	20.107	ng		96
9) Benzaldehyde	7.18	77	24856	20.976	ng		87
10) Phenol	7.22	94	36800	18.471	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	31132	20.594	ng		94
12) 1,3-Dichlorobenzene	7.92	146	37986	20.200	ng		96
13) 1,4-Dichlorobenzene	8.07	146	38985	20.296	ng		94
14) 1,2-Dichlorobenzene	8.39	146	37240	20.298	ng		94
15) Benzyl Alcohol	8.28	79	26711	15.048	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	44323	17.911	ng		94
17) 2-Methylphenol	8.48	107	28634	20.103	ng		96
18) Hexachloroethane	9.11	117	15227	20.004	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	28302	18.888	ng		92
20) 3+4-Methylphenols	8.81	107	36306	19.147	ng		93
22) Acetophenone	8.87	105	55164	20.152	ng	#	99
24) Nitrobenzene	9.25	77	44658	19.852	ng		96
25) Isophorone	9.77	82	81045	19.750	ng		100
26) 2-Nitrophenol	9.97	139	18022	19.761	ng		93
27) 2,4-Dimethylphenol	10.02	122	27817	20.348	ng		88
28) bis(2-Chloroethoxy)methane	10.25	93	43181	20.196	ng	#	90
29) 2,4-Dichlorophenol	10.51	162	34563	20.391	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	44470	20.485	ng		95
31) Naphthalene	10.91	128	102338	20.018	ng		98
32) Benzoic acid	10.14	122	10938	12.291	ng		88
33) 4-Chloroaniline	11.03	127	43633	20.096	ng		96
34) Hexachlorobutadiene	11.17	225	34409	19.969	ng		94
35) Caprolactam	11.80	113	10906	18.690	ng	#	83
36) 4-Chloro-3-methylphenol	12.14	107	38009	19.413	ng		95
37) 2-Methylnaphthalene	12.51	142	76943	20.434	ng		94
38) 1-Methylnaphthalene	12.73	142	71915	19.962	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	58435	20.358	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	26464	13.687	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	34090	19.198	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	35911	19.655	ng		95
46) 1,1'-Biphenyl	13.51	154	105894	20.151	ng		97
47) 2-Chloronaphthalene	13.56	162	90903	20.092	ng		99
48) 2-Nitroaniline	13.78	65	30920	18.660	ng		94
49) Acenaphthylene	14.40	152	138459	20.167	ng		98
50) Dimethylphthalate	14.13	163	124000	20.049	ng		100
51) 2,6-Dinitrotoluene	14.26	165	26120	20.029	ng		93
52) Acenaphthene	14.75	154	79965	19.835	ng		94
53) 3-Nitroaniline	14.60	138	23840	18.554	ng	#	79
54) 2,4-Dinitrophenol	14.82	184	11730	14.042	ng		85
55) Dibenzofuran	15.08	168	143032	20.405	ng		100
56) 4-Nitrophenol	14.92	139	13853	15.518	ng		94
57) 2,4-Dinitrotoluene	15.05	165	36429	19.109	ng		93
58) Fluorene	15.73	166	114942	20.845	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	35905	19.004	ng		97
60) Diethylphthalate	15.48	149	127688	20.311	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	73827	20.578	ng		99
62) 4-Nitroaniline	15.77	138	22422	16.316	ng		92
63) Azobenzene	16.01	77	107180	19.111	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	20675	17.209	ng		97
66) n-Nitrosodiphenylamine	15.93	169	99286	20.202	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	47787	19.967	ng		97
68) Hexachlorobenzene	16.73	284	53171	20.747	ng		94
69) Atrazine	16.87	200	42483	26.503	ng		98
70) Pentachlorophenol	17.08	266	21904	16.691	ng		94
71) Phenanthrene	17.47	178	201777	20.440	ng		98
72) Anthracene	17.57	178	200948	20.648	ng		98
73) Carbazole	17.84	167	173471	20.376	ng		99
74) Di-n-butylphthalate	18.36	149	214730	20.214	ng		99
75) Fluoranthene	19.48	202	272301	20.763	ng		97
77) Benzidine	19.67	184	93416	19.299	ng		97
78) Pyrene	19.84	202	273317	20.251	ng		98
80) Butylbenzylphthalate	20.71	149	100551	19.697	ng		100
81) Benzo(a)anthracene	21.68	228	273492	20.184	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	94519	19.871	ng		97
83) Chrysene	21.75	228	267043	20.493	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	139994	20.123	ng		98
85) Di-n-octyl phthalate	22.78	149	237016	20.137	ng		100
86) Indeno(1,2,3-cd)pyrene	28.79	276	306537	19.827	ng	#	96
88) Benzo(b)fluoranthene	23.95	252	263437	19.996	ng		97
89) Benzo(k)fluoranthene	24.02	252	265277	20.326	ng		96
90) Benzo(a)pyrene	24.84	252	245702	19.747	ng	#	94
91) Dibenzo(a,h)anthracene	28.85	278	248073	19.804	ng		99
92) Benzo(g,h,i)perylene	29.99	276	247644	20.005	ng		99

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

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