Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062320\
Data File : BG045839.D
Acq On : 23 Jun 2020 14:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 23 15:36:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55161	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	209545	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	144152	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	339738	20.00	ng		0.00
76) Chrysene-d12	21.58	240	319063	20.00	ng		0.00
86) Perylene-d12	24.71	264	346850	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	281774	86.29	ng		0.00
7) Phenol-d6	7.15	99	425860	85.74	ng		-0.02
23) Nitrobenzene-d5	9.09	82	395567	86.24	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	189696	87.16	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	871559	88.85	ng		0.00
79) Terphenyl-d14	19.94	244	1345629	85.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	60512	40.460	ng		98
3) Pyridine	3.78	79	181660	40.989	ng		99
4) n-Nitrosodimethylamine	3.69	42	66771	44.884	ng		100
6) Aniline	7.25	93	246031	42.067	ng		97
8) 2-Chlorophenol	7.51	128	150650	43.101	ng		97
9) Benzaldehyde	7.06	77	124779	41.825	ng		95
10) Phenol	7.18	94	201802	41.931	ng		97
11) bis(2-Chloroethyl)ether	7.35	93	154716	42.324	ng		91
12) 1,3-Dichlorobenzene	7.81	146	176773	42.439	ng		97
13) 1,4-Dichlorobenzene	7.96	146	177785	42.731	ng		95
14) 1,2-Dichlorobenzene	8.28	146	167082	41.948	ng		95
15) Benzyl Alcohol	8.18	79	168370	43.803	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	141661	41.118	ng		81
17) 2-Methylphenol	8.41	107	149622	41.775	ng		96
18) Hexachloroethane	9.00	117	67282	42.579	ng		99
19) n-Nitroso-di-n-propylamine	8.73	70	138692	42.472	ng		96
20) 3+4-Methylphenols	8.75	107	203403	43.182	ng	#	75
22) Acetophenone	8.75	105	244906	42.582	ng		98
24) Nitrobenzene	9.13	77	210042	42.947	ng		98
25) Isophorone	9.66	82	379329	42.718	ng		98
26) 2-Nitrophenol	9.84	139	89914	44.129	ng		95
27) 2,4-Dimethylphenol	9.94	122	130763	42.035	ng		95
28) bis(2-Chloroethoxy)methane	10.14	93	195653	42.181	ng		100
29) 2,4-Dichlorophenol	10.41	162	159299	43.891	ng		94
30) 1,2,4-Trichlorobenzene	10.60	180	188266	43.817	ng		99
31) Naphthalene	10.78	128	488181	42.613	ng		99
32) Benzoic acid	10.14	122	96695	47.942	ng		95
33) 4-Chloroaniline	10.90	127	208820	43.527	ng		98
34) Hexachlorobutadiene	11.07	225	137712	45.067	ng		98
35) Caprolactam	11.68	113	53668	45.695	ng		93
36) 4-Chloro-3-methylphenol	12.07	107	181063	43.207	ng		98
37) 2-Methylnaphthalene	12.39	142	367622	43.094	ng		99
38) 1-Methylnaphthalene	12.61	142	345901	42.848	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	213984	45.082	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	91562	39.666	ng		95
43) 2,4,6-Trichlorophenol	13.02	196	141944	44.107	ng		99
44) 2,4,5-Trichlorophenol	13.12	196	158413	43.190	ng		96
46) 1,1'-Biphenyl	13.40	154	452489	43.844	ng		99
47) 2-Chloronaphthalene	13.45	162	366629	43.978	ng		97
48) 2-Nitroaniline	13.66	65	123246	44.444	ng		96
49) Acenaphthylene	14.29	152	581981	43.583	ng		99
50) Dimethylphthalate	14.03	163	490208	43.409	ng		99
51) 2,6-Dinitrotoluene	14.15	165	109013	42.979	ng		95
52) Acenaphthene	14.64	154	353163	43.632	ng		99
53) 3-Nitroaniline	14.49	138	109555	43.243	ng	#	90
54) 2,4-Dinitrophenol	14.70	184	53083	42.832	ng		94
55) Dibenzofuran	14.97	168	576068	43.811	ng		99
56) 4-Nitrophenol	14.87	139	65180	38.099	ng		97
57) 2,4-Dinitrotoluene	14.94	165	156974	43.195	ng	#	98
58) Fluorene	15.62	166	475967	43.532	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	134272	42.179	ng		97
60) Diethylphthalate	15.39	149	500080	43.318	ng		99
61) 4-Chlorophenyl-phenylether	15.61	204	278896	44.257	ng		98
62) 4-Nitroaniline	15.66	138	113563	43.676	ng		91
63) Azobenzene	15.91	77	475851	42.929	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	91092	43.386	ng		97
66) n-Nitrosodiphenylamine	15.83	169	410461	42.655	ng		100
67) 4-Bromophenyl-phenylether	16.51	248	192830	43.682	ng		98
68) Hexachlorobenzene	16.63	284	201977	44.123	ng		95
69) Atrazine	16.79	200	155494	41.642	ng		99
70) Pentachlorophenol	16.99	266	73837	37.219	ng		92
71) Phenanthrene	17.36	178	744607	42.496	ng		99
72) Anthracene	17.46	178	749462	42.954	ng		99
73) Carbazole	17.73	167	708358	42.637	ng		99
74) Di-n-butylphthalate	18.29	149	835599	42.478	ng		99
75) Fluoranthene	19.38	202	907543	42.122	ng		100
77) Benzidine	19.56	184	261617	31.540	ng		99
78) Pyrene	19.74	202	909891	42.587	ng		99
80) Butylbenzylphthalate	20.62	149	388893	43.485	ng		95
81) Benzo(a)anthracene	21.56	228	900760	43.544	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	327755	41.888	ng		98
83) Chrysene	21.63	228	860640	43.015	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	539165	43.343	ng	#	97
85) Di-n-octyl phthalate	22.65	149	903586	42.111	ng		100
87) Indeno(1,2,3-cd)pyrene	28.27	276	1087155	43.235	ng	#	95
88) Benzo(b)fluoranthene	23.72	252	945092	43.458	ng		97
89) Benzo(k)fluoranthene	23.79	252	894213	42.962	ng		98
90) Benzo(a)pyrene	24.57	252	878726	43.255	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	881899	43.736	ng		99
92) Benzo(g,h,i)perylene	29.38	276	870991	43.156	ng		96

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

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