Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041609.D
Acq On : 5 Jul 2019 13:27
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 05 18:09:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 17:58:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	24879	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	90536	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	64671	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	177627	20.00	ng	0.00
76) Chrysene-d12	21.68	240	206839	20.00	ng	0.00
87) Perylene-d12	24.96	264	235350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	112583	80.68	ng	0.00
7) Phenol-d6	7.18	99	156768	79.80	ng	0.00
23) Nitrobenzene-d5	9.20	82	169418	78.05	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	91474	82.84	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	399209	79.21	ng	0.00
79) Terphenyl-d14	20.01	244	759589	78.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	24538	38.846	ng	100
3) Pyridine	3.82	79	63109	39.376	ng	100
4) n-Nitrosodimethylamine	3.74	42	36965	41.447	ng	100
6) Aniline	7.34	93	96810	38.232	ng	100
8) 2-Chlorophenol	7.58	128	63333	40.468	ng	100
9) Benzaldehyde	7.16	77	43006	36.251	ng	100
10) Phenol	7.21	94	77956	39.375	ng	100
11) bis(2-Chloroethyl)ether	7.44	93	59210	37.711	ng	100
12) 1,3-Dichlorobenzene	7.91	146	81053	40.036	ng	100
13) 1,4-Dichlorobenzene	8.05	146	83331	40.831	ng	100
14) 1,2-Dichlorobenzene	8.37	146	78727	40.289	ng	100
15) Benzyl Alcohol	8.26	79	58085	37.129	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.55	45	73699	33.426	ng	100
17) 2-Methylphenol	8.47	107	55652	38.615	ng	100
18) Hexachloroethane	9.09	117	31181	38.721	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	50829	34.689	ng	100
20) 3+4-Methylphenols	8.80	107	74003	38.526	ng	100
22) Acetophenone	8.85	105	107783	39.689	ng	100
24) Nitrobenzene	9.24	77	84208	38.647	ng	100
25) Isophorone	9.76	82	148387	38.074	ng	100
26) 2-Nitrophenol	9.96	139	36840	40.485	ng	100
27) 2,4-Dimethylphenol	10.00	122	49770	39.298	ng	100
28) bis(2-Chloroethoxy)methane	10.24	93	77163	37.442	ng	100
29) 2,4-Dichlorophenol	10.50	162	69983	40.911	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	88711	40.461	ng	100
31) Naphthalene	10.89	128	196201	39.186	ng	100
32) Benzoic acid	10.14	122	12588	24.076	ng	100
33) 4-Chloroaniline	11.01	127	85398	40.518	ng	100
34) Hexachlorobutadiene	11.15	225	72341	41.566	ng	100
35) Caprolactam	11.81	113	21908	41.016	ng	100
36) 4-Chloro-3-methylphenol	12.13	107	71881	38.782	ng	100
37) 2-Methylnaphthalene	12.49	142	143326	38.747	ng	100
38) 1-Methylnaphthalene	12.71	142	136412	38.655	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	114353	40.156	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	54473	37.296	ng	100
43) 2,4,6-Trichlorophenol	13.11	196	66590	39.413	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	67581	40.150	ng	100
46) 1,1'-Biphenyl	13.49	154	197842	38.754	ng	100
47) 2-Chloronaphthalene	13.55	162	170146	38.821	ng	100
48) 2-Nitroaniline	13.76	65	55558	37.394	ng	100
49) Acenaphthylene	14.39	152	250421	38.226	ng	100
50) Dimethylphthalate	14.12	163	228456	38.819	ng	100
51) 2,6-Dinitrotoluene	14.25	165	47783	38.259	ng	100
52) Acenaphthene	14.73	154	148977	38.349	ng	100
53) 3-Nitroaniline	14.59	138	45868	38.470	ng	100
54) 2,4-Dinitrophenol	14.81	184	23184	33.177	ng	100
55) Dibenzofuran	15.06	168	262788	38.857	ng	100
56) 4-Nitrophenol	14.90	139	30401	39.510	ng	100
57) 2,4-Dinitrotoluene	15.04	165	69921	38.591	ng	100
58) Fluorene	15.71	166	209334	38.907	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	77496m	43.673	ng	
60) Diethylphthalate	15.47	149	231350	38.404	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	135955	39.176	ng	100
62) 4-Nitroaniline	15.75	138	47188	40.609	ng	100
63) Azobenzene	15.99	77	187847	36.985	ng	100
65) 4,6-Dinitro-2-methylphenol	15.80	198	41177	37.430	ng	100
66) n-Nitrosodiphenylamine	15.92	169	186093	38.066	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	92176	37.974	ng	100
68) Hexachlorobenzene	16.71	284	103097	39.421	ng	100
69) Atrazine	16.86	200	74563	36.033	ng	100
70) Pentachlorophenol	17.07	266	41345	34.889	ng	100
71) Phenanthrene	17.46	178	381964	39.030	ng	100
72) Anthracene	17.55	178	376359	38.435	ng	100
73) Carbazole	17.82	167	334032	40.128	ng	100
74) Di-n-butylphthalate	18.35	149	412008	39.380	ng	100
75) Fluoranthene	19.46	202	529419	40.575	ng	100
77) Benzidine	19.65	184	186632	40.667	ng	100
78) Pyrene	19.83	202	534555	37.857	ng	100
80) Butylbenzylphthalate	20.69	149	197782	37.505	ng	100
81) Benzo(a)anthracene	21.67	228	562301	39.103	ng	100
82) 3,3'-Dichlorobenzidine	21.58	252	205727	41.315	ng	100
83) Chrysene	21.74	228	543104	39.018	ng	100
84) Bis(2-ethylhexyl)phthalate	21.53	149	283966	37.983	ng	100
85) Di-n-octyl phthalate	22.75	149	491899	38.881	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	686182	40.711	ng	100
88) Benzo(b)fluoranthene	23.92	252	571348	38.061	ng	100
89) Benzo(k)fluoranthene	23.98	252	562175	38.145	ng	100
90) Benzo(a)pyrene	24.81	252	546965	38.365	ng	100
91) Dibenzo(a,h)anthracene	28.79	278	558071	39.072	ng	100
92) Benzo(g,h,i)perylene	29.91	276	552267	38.889	ng	100

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

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