Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\
Data File : BG041465.D
Acq On : 26 Jun 2019 11:35
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jun 26 13:23:05 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	30687	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	122690	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	87376	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	226240	20.00	ng	0.00
76) Chrysene-d12	21.71	240	241246	20.00	ng	0.00
87) Perylene-d12	25.00	264	262192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	109495	65.56	ng	0.00
7) Phenol-d6	7.19	99	153638	63.46	ng	0.00
23) Nitrobenzene-d5	9.22	82	191309	65.58	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	87522	65.25	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	444182	69.09	ng	0.00
79) Terphenyl-d14	20.03	244	840199	69.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	25013	29.867	ng	100
3) Pyridine	3.83	79	71012	31.963	ng	100
4) n-Nitrosodimethylamine	3.75	42	37615	31.748	ng	100
6) Aniline	7.36	93	104713	31.119	ng	100
8) 2-Chlorophenol	7.59	128	65460	33.357	ng	100
9) Benzaldehyde	7.17	77	47008	30.359	ng	100
10) Phenol	7.21	94	82457	31.674	ng	100
11) bis(2-Chloroethyl)ether	7.45	93	67006	33.923	ng	100
12) 1,3-Dichlorobenzene	7.92	146	84131	34.240	ng	100
13) 1,4-Dichlorobenzene	8.07	146	83993	33.464	ng	100
14) 1,2-Dichlorobenzene	8.39	146	80927	33.757	ng	100
15) Benzyl Alcohol	8.28	79	63952	27.572	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.55	45	94810	29.321	ng	100
17) 2-Methylphenol	8.48	107	57742	31.025	ng	100
18) Hexachloroethane	9.12	117	33403	33.584	ng	100
19) n-Nitroso-di-n-propylamine	8.84	70	61524	31.422	ng	100
20) 3+4-Methylphenols	8.81	107	80288	32.405	ng	100
22) Acetophenone	8.86	105	119330	33.423	ng	100
24) Nitrobenzene	9.26	77	95197	32.446	ng	100
25) Isophorone	9.77	82	168917	31.561	ng	100
26) 2-Nitrophenol	9.97	139	38924	32.723	ng	100
27) 2,4-Dimethylphenol	10.01	122	55900	31.352	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	90362	32.403	ng	100
29) 2,4-Dichlorophenol	10.51	162	75650	34.219	ng	100
30) 1,2,4-Trichlorobenzene	10.71	180	94840	33.496	ng	100
31) Naphthalene	10.91	128	220195	33.023	ng	100
32) Benzoic acid	10.17	122	33021	28.450	ng	100
33) 4-Chloroaniline	11.03	127	93228	32.921	ng	100
34) Hexachlorobutadiene	11.17	225	74019	32.934	ng	100
35) Caprolactam	11.81	113	23266	30.569	ng	100
36) 4-Chloro-3-methylphenol	12.14	107	81841	32.049	ng	100
37) 2-Methylnaphthalene	12.51	142	163436	33.279	ng	100
38) 1-Methylnaphthalene	12.73	142	153498	32.668	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	124830	34.598	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	66169	27.226 ng	100
43) 2,4,6-Trichlorophenol	13.12	196	73979	33.145 ng	100
44) 2,4,5-Trichlorophenol	13.20	196	70581	30.733 ng	100
46) 1,1'-Biphenyl	13.51	154	221850	33.585 ng	100
47) 2-Chloronaphthalene	13.56	162	188562	33.156 ng	100
48) 2-Nitroaniline	13.77	65	64942	31.180 ng	100
49) Acenaphthylene	14.41	152	286193	33.163 ng	100
50) Dimethylphthalate	14.13	163	252299	32.453 ng	100
51) 2,6-Dinitrotoluene	14.26	165	53645	32.725 ng	100
52) Acenaphthene	14.74	154	169326	33.414 ng	100
53) 3-Nitroaniline	14.60	138	51734	32.032 ng	100
54) 2,4-Dinitrophenol	14.81	184	30041	28.610 ng	100
55) Dibenzofuran	15.08	168	292355	33.182 ng	100
56) 4-Nitrophenol	14.91	139	33593	29.938 ng	100
57) 2,4-Dinitrotoluene	15.05	165	78161	32.618 ng	100
58) Fluorene	15.73	166	232115	33.490 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	75890	31.955 ng	100
60) Diethylphthalate	15.48	149	260823	33.007 ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	150606	33.398 ng	100
62) 4-Nitroaniline	15.77	138	50499	29.235 ng	100
63) Azobenzene	16.01	77	221891	31.476 ng	100
65) 4,6-Dinitro-2-methylphenol	15.81	198	48133	32.778 ng	100
66) n-Nitrosodiphenylamine	15.93	169	204283	34.006 ng	100
67) 4-Bromophenyl-phenylether	16.61	248	100755	34.442 ng	100
68) Hexachlorobenzene	16.72	284	108791	34.729 ng	100
69) Atrazine	16.87	200	70878	36.175 ng	100
70) Pentachlorophenol	17.08	266	49847	31.076 ng	100
71) Phenanthrene	17.47	178	407447	33.768 ng	100
72) Anthracene	17.56	178	403604	33.929 ng	100
73) Carbazole	17.84	167	347933	33.436 ng	100
74) Di-n-butylphthalate	18.37	149	442252	34.061 ng	100
75) Fluoranthene	19.48	202	535398	33.400 ng	100
77) Benzidine	19.67	184	188275	32.266 ng	100
78) Pyrene	19.84	202	547454	33.648 ng	100
80) Butylbenzylphthalate	20.71	149	197984	32.172 ng	100
81) Benzo(a)anthracene	21.68	228	550233	33.685 ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	192547	33.580 ng	100
83) Chrysene	21.75	228	527259	33.565 ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	280505	33.447 ng	100
85) Di-n-octyl phthalate	22.78	149	480504	33.865 ng	100
86) Indeno(1,2,3-cd)pyrene	28.78	276	623521	33.456 ng	100
88) Benzo(b)fluoranthene	23.95	252	533594	32.839 ng	100
89) Benzo(k)fluoranthene	24.01	252	539387	33.509 ng	100
90) Benzo(a)pyrene	24.84	252	508272	33.121 ng	100
91) Dibenzo(a,h)anthracene	28.85	278	513107	33.212 ng	100
92) Benzo(g,h,i)perylene	29.97	276	504470	33.041 ng	100

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

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