Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071519\
Data File : BG041649.D
Acq On : 15 Jul 2019 14:21
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Jul 15 15:37:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 13:39:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	101301	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	426517	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	254886	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	597891	20.00	ng	0.00
76) Chrysene-d12	21.67	240	538526	20.00	ng	0.00
87) Perylene-d12	24.86	264	619435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	950807	152.96	ng	0.00
7) Phenol-d6	7.20	99	1259392	150.81	ng	0.00
23) Nitrobenzene-d5	9.21	82	1217169	175.28	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	467368	163.25	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	2576799	158.68	ng	0.00
79) Terphenyl-d14	20.02	244	3250738	141.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	231005	78.613	ng	100
3) Pyridine	3.90	79	587066	74.447	ng	99
4) n-Nitrosodimethylamine	3.81	42	291620	80.332	ng	98
6) Aniline	7.37	93	851878	75.984	ng	98
8) 2-Chlorophenol	7.61	128	537429	76.399	ng	99
9) Benzaldehyde	7.18	77	312112	64.719	ng	99
10) Phenol	7.23	94	669471	76.018	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	542984	76.348	ng	100
12) 1,3-Dichlorobenzene	7.94	146	635089	75.606	ng	98
13) 1,4-Dichlorobenzene	8.08	146	638260	75.912	ng	99
14) 1,2-Dichlorobenzene	8.41	146	594925	75.004	ng	100
15) Benzyl Alcohol	8.28	79	514650	77.461	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	1116883	75.818	ng	100
17) 2-Methylphenol	8.48	107	470773	77.361	ng	98
18) Hexachloroethane	9.15	117	239399	77.948	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	464431	76.077	ng	98
20) 3+4-Methylphenols	8.82	107	645763	77.537	ng	97
22) Acetophenone	8.87	105	802106	77.239	ng	98
24) Nitrobenzene	9.25	77	624614	81.754	ng	98
25) Isophorone	9.78	82	1184643	77.160	ng	100
26) 2-Nitrophenol	9.96	139	294801	89.386	ng	99
27) 2,4-Dimethylphenol	10.02	122	471614	77.572	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	725196	76.605	ng	98
29) 2,4-Dichlorophenol	10.50	162	548337	79.218	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	632206	77.776	ng	99
31) Naphthalene	10.91	128	1579543	75.081	ng	99
32) Benzoic acid	10.19	122	395724	93.004	ng	96
33) 4-Chloroaniline	11.01	127	745601	76.814	ng	98
34) Hexachlorobutadiene	11.20	225	409439	78.197	ng	99
35) Caprolactam	11.80	113	199297	78.133	ng	99
36) 4-Chloro-3-methylphenol	12.13	107	564448	77.747	ng	99
37) 2-Methylnaphthalene	12.51	142	1213675	75.569	ng	99
38) 1-Methylnaphthalene	12.73	142	1158070	75.658	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	676754	77.568	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	404683	82.057 ng		99
43) 2,4,6-Trichlorophenol	13.11	196	461376	81.576 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	479670	80.402 ng		97
46) 1,1'-Biphenyl	13.51	154	1453719	76.292 ng		97
47) 2-Chloronaphthalene	13.55	162	1223011	77.017 ng		97
48) 2-Nitroaniline	13.74	65	409187	88.714 ng		98
49) Acenaphthylene	14.40	152	1842388	74.192 ng		96
50) Dimethylphthalate	14.14	163	1507683	75.395 ng		99
51) 2,6-Dinitrotoluene	14.24	165	364455	86.252 ng		98
52) Acenaphthene	14.73	154	1220419	78.116 ng		99
53) 3-Nitroaniline	14.56	138	392253	85.014 ng		98
54) 2,4-Dinitrophenol	14.76	184	172584	94.503 ng		92
55) Dibenzofuran	15.07	168	1736794	73.902 ng		96
56) 4-Nitrophenol	14.86	139	320007	85.400 ng		97
57) 2,4-Dinitrotoluene	15.02	165	493494	88.281 ng		99
58) Fluorene	15.72	166	1420857	74.417 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	440262	79.993 ng		99
60) Diethylphthalate	15.49	149	1518417	75.359 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	829206	76.965 ng		99
62) 4-Nitroaniline	15.73	138	406180	82.786 ng		97
63) Azobenzene	16.00	77	1383174	75.998 ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	242935	92.637 ng		99
66) n-Nitrosodiphenylamine	15.92	169	1312653	74.770 ng		98
67) 4-Bromophenyl-phenylether	16.60	248	552974	77.827 ng		98
68) Hexachlorobenzene	16.72	284	551692	76.950 ng		98
70) Pentachlorophenol	17.06	266	362155	80.978 ng		96
71) Phenanthrene	17.45	178	2187021	72.633 ng		97
72) Anthracene	17.54	178	2163187	71.994 ng		97
73) Carbazole	17.80	167	2005659	71.891 ng		97
74) Di-n-butylphthalate	18.38	149	2306769	70.200 ng		97
75) Fluoranthene	19.45	202	2462176	68.782 ng		96
77) Benzidine	19.62	184	1171771	64.150 ng		97
78) Pyrene	19.81	202	2461723	70.043 ng		97
80) Butylbenzylphthalate	20.70	149	1165635	77.049 ng		97
81) Benzo(a)anthracene	21.64	228	2505942	71.971 ng		96
82) 3,3'-Dichlorobenzidine	21.56	252	1019975	74.270 ng		100
83) Chrysene	21.72	228	2383918	71.652 ng		96
84) Bis(2-ethylhexyl)phthalate	21.57	149	1573729	73.557 ng		98
85) Di-n-octyl phthalate	22.79	149	2665297	73.075 ng		98
86) Indeno(1,2,3-cd)pyrene	28.54	276	3357879	76.327 ng	#	92
88) Benzo(b)fluoranthene	23.86	252	2811498	74.729 ng		99
89) Benzo(k)fluoranthene	23.92	252	2627271	75.552 ng		98
90) Benzo(a)pyrene	24.72	252	2687624	75.505 ng		99
91) Dibenzo(a,h)anthracene	28.61	278	2644192	76.640 ng		99
92) Benzo(g,h,i)perylene	29.68	276	2678438	77.458 ng		100

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

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