Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
Data File : BG045865.D
Acq On : 25 Jun 2020 20:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 25 20:42:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	82868	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	308805	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	211821	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	492545	20.00	ng		0.00
76) Chrysene-d12	21.58	240	466687	20.00	ng		0.00
86) Perylene-d12	24.70	264	519543	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	415834	84.77	ng		0.00
7) Phenol-d6	7.14	99	628298	84.20	ng		0.00
23) Nitrobenzene-d5	9.08	82	581333	86.00	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	273281	85.46	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1231019	85.40	ng		0.00
79) Terphenyl-d14	19.93	244	1895603	82.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	92312	41.086	ng		98
3) Pyridine	3.77	79	276717	41.561	ng		100
4) n-Nitrosodimethylamine	3.68	42	100554	44.993	ng	#	98
6) Aniline	7.24	93	363186	41.336	ng		97
8) 2-Chlorophenol	7.50	128	219256	41.755	ng		98
9) Benzaldehyde	7.05	77	184448	41.154	ng		96
10) Phenol	7.16	94	296673	41.033	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	227816	41.484	ng		99
12) 1,3-Dichlorobenzene	7.80	146	261840	41.844	ng		99
13) 1,4-Dichlorobenzene	7.95	146	260551	41.686	ng		97
14) 1,2-Dichlorobenzene	8.27	146	247601	41.379	ng		97
15) Benzyl Alcohol	8.17	79	246636	42.711	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	214183	41.382	ng		79
17) 2-Methylphenol	8.40	107	224848	41.788	ng		98
18) Hexachloroethane	8.99	117	101153	42.611	ng		96
19) n-Nitroso-di-n-propylamine	8.72	70	202452	41.268	ng		97
20) 3+4-Methylphenols	8.73	107	297224	42.002	ng		94
22) Acetophenone	8.74	105	359613	42.428	ng	#	98
24) Nitrobenzene	9.12	77	310828	43.126	ng		97
25) Isophorone	9.65	82	554480	42.372	ng		98
26) 2-Nitrophenol	9.83	139	133962	44.614	ng		95
27) 2,4-Dimethylphenol	9.92	122	196371	42.835	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	291745	42.680	ng		97
29) 2,4-Dichlorophenol	10.40	162	232580	43.484	ng		95
30) 1,2,4-Trichlorobenzene	10.59	180	273948	43.264	ng		96
31) Naphthalene	10.77	128	713615	42.269	ng		98
32) Benzoic acid	10.15	122	132101	45.099	ng		92
33) 4-Chloroaniline	10.89	127	305042	43.146	ng		99
34) Hexachlorobutadiene	11.06	225	198833	44.154	ng		99
35) Caprolactam	11.68	113	78350	45.267	ng		94
36) 4-Chloro-3-methylphenol	12.05	107	262108	42.443	ng		99
37) 2-Methylnaphthalene	12.38	142	536359	42.664	ng		99
38) 1-Methylnaphthalene	12.60	142	497648	41.830	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	310389	44.502	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	151046	43.499 ng		98
43) 2,4,6-Trichlorophenol	13.01	196	203911	43.120 ng		97
44) 2,4,5-Trichlorophenol	13.10	196	229744	42.627 ng		96
46) 1,1'-Biphenyl	13.39	154	654890	43.184 ng		99
47) 2-Chloronaphthalene	13.44	162	527964	43.098 ng		96
48) 2-Nitroaniline	13.65	65	179587	44.072 ng		99
49) Acenaphthylene	14.29	152	833789	42.493 ng		98
50) Dimethylphthalate	14.03	163	705157	42.495 ng		99
51) 2,6-Dinitrotoluene	14.15	165	160110	42.959 ng		94
52) Acenaphthene	14.63	154	502957	42.288 ng		97
53) 3-Nitroaniline	14.49	138	156098	41.931 ng		94
54) 2,4-Dinitrophenol	14.69	184	92924	49.146 ng		93
55) Dibenzofuran	14.96	168	819700	42.425 ng		98
56) 4-Nitrophenol	14.85	139	105400	41.528 ng		99
57) 2,4-Dinitrotoluene	14.94	165	229244	42.929 ng		95
58) Fluorene	15.61	166	676599	42.113 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	199374	42.621 ng		99
60) Diethylphthalate	15.39	149	717319	42.286 ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	398586	43.044 ng		99
62) 4-Nitroaniline	15.66	138	168445	44.088 ng		97
63) Azobenzene	15.90	77	691355	42.445 ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	147795	48.554 ng		100
66) n-Nitrosodiphenylamine	15.83	169	595848	42.710 ng		100
67) 4-Bromophenyl-phenylether	16.50	248	280689	43.858 ng		98
68) Hexachlorobenzene	16.63	284	291710	43.956 ng		93
69) Atrazine	16.78	200	220830	40.792 ng		99
70) Pentachlorophenol	16.98	266	118223	40.308 ng		96
71) Phenanthrene	17.36	178	1069437	42.100 ng		98
72) Anthracene	17.45	178	1067702	42.209 ng		99
73) Carbazole	17.73	167	1029850	42.757 ng		100
74) Di-n-butylphthalate	18.28	149	1208154	42.363 ng		99
75) Fluoranthene	19.37	202	1324464	42.401 ng		98
77) Benzidine	19.55	184	415733	34.266 ng		97
78) Pyrene	19.73	202	1309869	41.914 ng		98
80) Butylbenzylphthalate	20.62	149	557914	42.651 ng		95
81) Benzo(a)anthracene	21.55	228	1298576	42.918 ng		97
82) 3,3'-Dichlorobenzidine	21.47	252	488181	42.655 ng		98
83) Chrysene	21.62	228	1225888	41.889 ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	783632	43.069 ng	#	96
85) Di-n-octyl phthalate	22.65	149	1346728	42.910 ng		100
87) Indeno(1,2,3-cd)pyrene	28.27	276	1639578	43.531 ng	#	98
88) Benzo(b)fluoranthene	23.72	252	1393218	42.770 ng		97
89) Benzo(k)fluoranthene	23.78	252	1335565	42.838 ng		97
90) Benzo(a)pyrene	24.56	252	1313760	43.174 ng		100
91) Dibenzo(a,h)anthracene	28.32	278	1314877	43.534 ng		99
92) Benzo(g,h,i)perylene	29.37	276	1316644	43.553 ng		98

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

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