Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062620\
Data File : BG045874.D
Acq On : 26 Jun 2020 15:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 26 16:50:37 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	59139	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	233995	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	184343	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	436469	20.00	ng		0.00
76) Chrysene-d12	21.58	240	399436	20.00	ng		0.00
86) Perylene-d12	24.70	264	428931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	285894	81.66	ng		0.00
7) Phenol-d6	7.14	99	460802	86.53	ng		0.00
23) Nitrobenzene-d5	9.08	82	417961	81.60	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	235809	84.73	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	995035	79.32	ng		0.00
79) Terphenyl-d14	19.94	244	1597893	81.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	57139	35.635	ng		99
3) Pyridine	3.76	79	181334	38.163	ng		96
4) n-Nitrosodimethylamine	3.68	42	69292	43.446	ng	#	97
6) Aniline	7.25	93	260229	41.502	ng		98
8) 2-Chlorophenol	7.50	128	158305	42.244	ng		97
9) Benzaldehyde	7.05	77	133938	41.875	ng		97
10) Phenol	7.17	94	221048	42.840	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	156470	39.924	ng		96
12) 1,3-Dichlorobenzene	7.81	146	186450	41.751	ng		98
13) 1,4-Dichlorobenzene	7.95	146	184644	41.394	ng		98
14) 1,2-Dichlorobenzene	8.27	146	177011	41.451	ng		99
15) Benzyl Alcohol	8.17	79	184040	44.659	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	150755	40.814	ng		81
17) 2-Methylphenol	8.41	107	164301	42.787	ng		96
18) Hexachloroethane	9.00	117	72575	42.839	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	151523	43.280	ng	#	97
20) 3+4-Methylphenols	8.74	107	228544	45.255	ng	#	86
22) Acetophenone	8.74	105	262132	40.815	ng	#	94
24) Nitrobenzene	9.12	77	223464	40.917	ng		98
25) Isophorone	9.65	82	417351	42.089	ng		99
26) 2-Nitrophenol	9.84	139	97714	42.946	ng		91
27) 2,4-Dimethylphenol	9.93	122	150589	43.350	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	217395	41.971	ng		99
29) 2,4-Dichlorophenol	10.40	162	181626	44.814	ng		96
30) 1,2,4-Trichlorobenzene	10.59	180	201649	42.028	ng		95
31) Naphthalene	10.77	128	525480	41.076	ng		99
32) Benzoic acid	10.15	122	115413	50.625	ng		95
33) 4-Chloroaniline	10.89	127	231296	43.174	ng		98
34) Hexachlorobutadiene	11.06	225	144869	42.455	ng		95
35) Caprolactam	11.69	113	62161	47.396	ng		93
36) 4-Chloro-3-methylphenol	12.06	107	218142	46.616	ng		95
37) 2-Methylnaphthalene	12.39	142	415078	43.573	ng		98
38) 1-Methylnaphthalene	12.61	142	391717	43.453	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	245817	40.497	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	54804	23.044 ng		94
43) 2,4,6-Trichlorophenol	13.01	196	171388	41.645 ng		98
44) 2,4,5-Trichlorophenol	13.11	196	194574	41.483 ng		98
46) 1,1'-Biphenyl	13.40	154	523246	39.646 ng		98
47) 2-Chloronaphthalene	13.44	162	426211	39.978 ng		97
48) 2-Nitroaniline	13.66	65	152186	42.915 ng		94
49) Acenaphthylene	14.29	152	685794	40.161 ng		100
50) Dimethylphthalate	14.03	163	577902	40.017 ng		99
51) 2,6-Dinitrotoluene	14.15	165	132320	40.794 ng		95
52) Acenaphthene	14.63	154	420903	40.664 ng		96
53) 3-Nitroaniline	14.49	138	137858	42.551 ng		91
54) 2,4-Dinitrophenol	14.70	184	70119	43.919 ng		97
55) Dibenzofuran	14.97	168	689776	41.022 ng		100
56) 4-Nitrophenol	14.86	139	89884	40.773 ng		97
57) 2,4-Dinitrotoluene	14.94	165	192209	41.359 ng		95
58) Fluorene	15.62	166	582675	41.673 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	171443	42.113 ng		98
60) Diethylphthalate	15.39	149	611745	41.438 ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	335446	41.625 ng		99
62) 4-Nitroaniline	15.66	138	141839	42.658 ng		94
63) Azobenzene	15.90	77	581008	40.988 ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	115523	42.828 ng		96
66) n-Nitrosodiphenylamine	15.83	169	510193	41.269 ng		99
67) 4-Bromophenyl-phenylether	16.51	248	234399	41.330 ng		99
68) Hexachlorobenzene	16.63	284	248768	42.301 ng		95
69) Atrazine	16.78	200	179875	37.496 ng		97
70) Pentachlorophenol	16.99	266	101429	39.268 ng		94
71) Phenanthrene	17.36	178	912181	40.522 ng		99
72) Anthracene	17.45	178	910078	40.600 ng		99
73) Carbazole	17.73	167	873246	40.913 ng		99
74) Di-n-butylphthalate	18.28	149	1027089	40.641 ng		99
75) Fluoranthene	19.37	202	1089996	39.378 ng		99
77) Benzidine	19.56	184	442897	42.651 ng		99
78) Pyrene	19.74	202	1090299	40.762 ng		99
80) Butylbenzylphthalate	20.63	149	457129	40.830 ng		97
81) Benzo(a)anthracene	21.56	228	1071563	41.378 ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	402986	41.139 ng		98
83) Chrysene	21.62	228	1011071	40.365 ng		98
84) Bis(2-ethylhexyl)phthalate	21.47	149	634568	40.748 ng		96
85) Di-n-octyl phthalate	22.65	149	1077552	40.114 ng		99
87) Indeno(1,2,3-cd)pyrene	28.27	276	1315331	42.299 ng	#	96
88) Benzo(b)fluoranthene	23.72	252	1101607	40.962 ng		97
89) Benzo(k)fluoranthene	23.79	252	1067733	41.482 ng		96
90) Benzo(a)pyrene	24.56	252	1045706	41.625 ng		100
91) Dibenzo(a,h)anthracene	28.33	278	1062509	42.610 ng		99
92) Benzo(g,h,i)perylene	29.38	276	1063082	42.594 ng		98

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

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