Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045876.D
Acq On : 29 Jun 2020 14:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 29 17:10:07 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	7.91	152	44913	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	177123	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	125090	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	308488	20.00	ng		0.00
76) Chrysene-d12	21.58	240	301850	20.00	ng		0.00
86) Perylene-d12	24.70	264	319882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	199509	75.04	ng		0.00
7) Phenol-d6	7.13	99	315909	78.11	ng		0.00
23) Nitrobenzene-d5	9.08	82	295907	76.32	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	149485	79.15	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	673180	79.09	ng		0.00
79) Terphenyl-d14	19.93	244	1211189	81.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	44370	36.436	ng		99
3) Pyridine	3.76	79	132324	36.670	ng		97
4) n-Nitrosodimethylamine	3.68	42	46723	38.574	ng		100
6) Aniline	7.24	93	185837	39.026	ng		96
8) 2-Chlorophenol	7.50	128	110634	38.875	ng		95
9) Benzaldehyde	7.05	77	83025	34.180	ng		96
10) Phenol	7.16	94	148049	37.781	ng		96
11) bis(2-Chloroethyl)ether	7.33	93	111993	37.627	ng		98
12) 1,3-Dichlorobenzene	7.80	146	131826	38.870	ng		95
13) 1,4-Dichlorobenzene	7.95	146	129256	38.156	ng		97
14) 1,2-Dichlorobenzene	8.27	146	124020	38.241	ng		95
15) Benzyl Alcohol	8.17	79	121516	38.827	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	108607	38.717	ng		81
17) 2-Methylphenol	8.40	107	113150	38.800	ng		96
18) Hexachloroethane	8.99	117	51671	40.161	ng		96
19) n-Nitroso-di-n-propylamine	8.72	70	102955	38.722	ng		99
20) 3+4-Methylphenols	8.73	107	150413	39.218	ng	#	83
22) Acetophenone	8.74	105	185120	38.079	ng	#	95
24) Nitrobenzene	9.12	77	157462	38.089	ng		98
25) Isophorone	9.64	82	292285	38.941	ng		99
26) 2-Nitrophenol	9.83	139	67154	38.991	ng		91
27) 2,4-Dimethylphenol	9.92	122	100971	38.399	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	151249	38.577	ng		97
29) 2,4-Dichlorophenol	10.40	162	119123	38.829	ng		97
30) 1,2,4-Trichlorobenzene	10.59	180	140682	38.736	ng		97
31) Naphthalene	10.77	128	368037	38.006	ng		99
32) Benzoic acid	10.11	122	65357	40.135	ng		97
33) 4-Chloroaniline	10.89	127	157540	38.849	ng		99
34) Hexachlorobutadiene	11.06	225	100758	39.009	ng		98
35) Caprolactam	11.66	113	41942	42.248	ng	#	88
36) 4-Chloro-3-methylphenol	12.06	107	138627	39.136	ng		94
37) 2-Methylnaphthalene	12.38	142	276019	38.279	ng		99
38) 1-Methylnaphthalene	12.60	142	261564	38.332	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	160966	39.080	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	112291	52.580	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	106411	38.104	ng		96
44) 2,4,5-Trichlorophenol	13.10	196	119541	37.558	ng		97
46) 1,1'-Biphenyl	13.39	154	341969	38.184	ng		99
47) 2-Chloronaphthalene	13.44	162	280194	38.731	ng		98
48) 2-Nitroaniline	13.65	65	98344	40.868	ng		94
49) Acenaphthylene	14.29	152	458090	39.533	ng		98
50) Dimethylphthalate	14.02	163	391926	39.995	ng		99
51) 2,6-Dinitrotoluene	14.14	165	90695	41.206	ng		95
52) Acenaphthene	14.63	154	276258	39.332	ng		99
53) 3-Nitroaniline	14.48	138	90238	41.046	ng		89
54) 2,4-Dinitrophenol	14.69	184	66717	57.631	ng		94
55) Dibenzofuran	14.96	168	456283	39.989	ng		100
56) 4-Nitrophenol	14.85	139	70015	46.217	ng		96
57) 2,4-Dinitrotoluene	14.94	165	127546	40.445	ng		97
58) Fluorene	15.62	166	384438	40.519	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	106174	38.435	ng		98
60) Diethylphthalate	15.39	149	413414	41.268	ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	220844	40.385	ng		99
62) 4-Nitroaniline	15.65	138	94054	41.686	ng		96
63) Azobenzene	15.90	77	390103	40.556	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	80835	42.401	ng		99
66) n-Nitrosodiphenylamine	15.83	169	334573	38.291	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	154333	38.502	ng		97
68) Hexachlorobenzene	16.63	284	161338	38.816	ng		93
69) Atrazine	16.78	200	128614	37.933	ng		97
70) Pentachlorophenol	16.98	266	61259	34.665	ng		93
71) Phenanthrene	17.36	178	622436	39.122	ng		98
72) Anthracene	17.45	178	624026	39.388	ng		99
73) Carbazole	17.73	167	602333	39.928	ng		99
74) Di-n-butylphthalate	18.28	149	734350	41.113	ng		99
75) Fluoranthene	19.37	202	793161	40.542	ng		100
77) Benzidine	19.56	184	304038	38.745	ng		99
78) Pyrene	19.73	202	802666	39.710	ng		100
80) Butylbenzylphthalate	20.62	149	337360	39.874	ng		97
81) Benzo(a)anthracene	21.55	228	772582	39.478	ng		100
82) 3,3'-Dichlorobenzidine	21.47	252	285064	38.509	ng	#	97
83) Chrysene	21.62	228	737564	38.966	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	468466	39.807	ng		98
85) Di-n-octyl phthalate	22.64	149	786234	38.731	ng		99
87) Indeno(1,2,3-cd)pyrene	28.25	276	945226	40.760	ng	#	95
88) Benzo(b)fluoranthene	23.72	252	804758	40.125	ng		98
89) Benzo(k)fluoranthene	23.78	252	793987	41.363	ng		99
90) Benzo(a)pyrene	24.56	252	763822	40.769	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	763511	41.057	ng		99
92) Benzo(g,h,i)perylene	29.37	276	754212	40.520	ng		99

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

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