Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
Data File : BG045841.D
Acq On : 24 Jun 2020 10:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 24 12:48:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55412	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	205108	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	150282	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	352748	20.00	ng		0.00
76) Chrysene-d12	21.57	240	332156	20.00	ng		0.00
86) Perylene-d12	24.71	264	368548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	267150	81.44	ng		-0.01
7) Phenol-d6	7.14	99	410751	82.32	ng		-0.02
23) Nitrobenzene-d5	9.09	82	390763	87.03	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	192985	85.06	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	873279	85.40	ng		0.00
79) Terphenyl-d14	19.94	244	1447515	88.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	60754	40.438	ng		97
3) Pyridine	3.77	79	174338	39.159	ng		97
4) n-Nitrosodimethylamine	3.68	42	63525	42.509	ng		96
6) Aniline	7.25	93	238129	40.532	ng		96
8) 2-Chlorophenol	7.50	128	143921	40.989	ng		94
9) Benzaldehyde	7.05	77	118196	39.439	ng		98
10) Phenol	7.17	94	196694	40.684	ng		97
11) bis(2-Chloroethyl)ether	7.34	93	149934	40.830	ng		96
12) 1,3-Dichlorobenzene	7.80	146	168730	40.325	ng		99
13) 1,4-Dichlorobenzene	7.95	146	175815	42.066	ng		96
14) 1,2-Dichlorobenzene	8.27	146	162874	40.706	ng		98
15) Benzyl Alcohol	8.17	79	167312	43.331	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	138749	40.090	ng		82
17) 2-Methylphenol	8.40	107	147869	41.098	ng		98
18) Hexachloroethane	9.00	117	66336	41.790	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	135024	41.161	ng		98
20) 3+4-Methylphenols	8.74	107	198359	41.920	ng	#	68
22) Acetophenone	8.74	105	240610	42.740	ng		94
24) Nitrobenzene	9.12	77	205695	42.968	ng		98
25) Isophorone	9.65	82	373519	42.974	ng		99
26) 2-Nitrophenol	9.84	139	90368	45.311	ng		96
27) 2,4-Dimethylphenol	9.93	122	129790	42.625	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	194642	42.871	ng		99
29) 2,4-Dichlorophenol	10.40	162	157439	44.317	ng		97
30) 1,2,4-Trichlorobenzene	10.59	180	186939	44.449	ng		97
31) Naphthalene	10.77	128	477684	42.599	ng		100
32) Benzoic acid	10.14	122	90310	46.156	ng		94
33) 4-Chloroaniline	10.89	127	205968	43.861	ng		98
34) Hexachlorobutadiene	11.06	225	135166	45.191	ng		96
35) Caprolactam	11.68	113	52416	45.595	ng		90
36) 4-Chloro-3-methylphenol	12.06	107	176522	43.035	ng		97
37) 2-Methylnaphthalene	12.39	142	366586	43.902	ng		98
38) 1-Methylnaphthalene	12.60	142	344500	43.597	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	208994	42.235	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	98252	40.582	ng		94
43) 2,4,6-Trichlorophenol	13.02	196	140189	41.785	ng		99
44) 2,4,5-Trichlorophenol	13.11	196	158561	41.467	ng		99
46) 1,1'-Biphenyl	13.40	154	451607	41.973	ng		100
47) 2-Chloronaphthalene	13.44	162	367502	42.284	ng		97
48) 2-Nitroaniline	13.66	65	124527	43.074	ng		98
49) Acenaphthylene	14.29	152	587546	42.205	ng		99
50) Dimethylphthalate	14.03	163	503694	42.784	ng		99
51) 2,6-Dinitrotoluene	14.14	165	111826	42.290	ng		94
52) Acenaphthene	14.63	154	355819	42.167	ng		98
53) 3-Nitroaniline	14.49	138	115041	43.556	ng		96
54) 2,4-Dinitrophenol	14.70	184	61605	46.568	ng		97
55) Dibenzofuran	14.97	168	584433	42.634	ng		98
56) 4-Nitrophenol	14.86	139	71781	40.022	ng		98
57) 2,4-Dinitrotoluene	14.94	165	162321	42.844	ng		98
58) Fluorene	15.62	166	483550	42.422	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	135282	40.762	ng		97
60) Diethylphthalate	15.39	149	518960	43.120	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	281202	42.803	ng		98
62) 4-Nitroaniline	15.66	138	116876	43.117	ng		96
63) Azobenzene	15.90	77	495220	42.854	ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	100766	46.223	ng		98
66) n-Nitrosodiphenylamine	15.83	169	420628	42.100	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	200286	43.697	ng		99
68) Hexachlorobenzene	16.63	284	207863	43.734	ng		94
69) Atrazine	16.78	200	162533	41.922	ng		99
70) Pentachlorophenol	16.99	266	79136	38.173	ng		95
71) Phenanthrene	17.36	178	776878	42.703	ng		99
72) Anthracene	17.45	178	777167	42.899	ng		100
73) Carbazole	17.73	167	736009	42.668	ng		98
74) Di-n-butylphthalate	18.28	149	884310	43.297	ng		99
75) Fluoranthene	19.37	202	965426	43.156	ng		100
77) Benzidine	19.56	184	305890	35.424	ng		98
78) Pyrene	19.74	202	962812	43.287	ng		99
80) Butylbenzylphthalate	20.62	149	408390	43.865	ng		96
81) Benzo(a)anthracene	21.56	228	929025	43.140	ng		100
82) 3,3'-Dichlorobenzidine	21.47	252	349750	42.937	ng		98
83) Chrysene	21.62	228	887232	42.596	ng		99
84) Bis(2-ethylhexyl)phthalate	21.47	149	562073	43.404	ng		97
85) Di-n-octyl phthalate	22.65	149	963622	43.139	ng		100
87) Indeno(1,2,3-cd)pyrene	28.27	276	1157807	43.334	ng	#	96
88) Benzo(b)fluoranthene	23.71	252	1000617	43.302	ng		96
89) Benzo(k)fluoranthene	23.78	252	955569	43.207	ng		99
90) Benzo(a)pyrene	24.56	252	932512	43.200	ng		99
91) Dibenzo(a,h)anthracene	28.31	278	945759	44.142	ng		99
92) Benzo(g,h,i)perylene	29.37	276	919788	42.891	ng		99

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

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