Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045750.D
Acq On : 12 Jun 2020 21:24
Operator : CG/JU
Sample : L2993-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MSD

Manual Integrations APPROVED
mohammad
6/15/2020 8:45:19 AM

Quant Time: Jun 13 00:09:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60911	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	235604	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	162221	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	370014	20.00	ng		0.00
76) Chrysene-d12	21.60	240	330683	20.00	ng		0.00
87) Perylene-d12	24.75	264	355334	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	208715	66.97	ng		0.03
7) Phenol-d6	7.18	99	178208	40.17	ng		0.04
23) Nitrobenzene-d5	9.11	82	449364	104.01	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	301057	145.11	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	953135	99.66	ng		0.00
79) Terphenyl-d14	19.95	244	1485919	104.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	27876	18.036	ng	#	95
3) Pyridine	3.81	79	84612	19.657	ng		96
4) n-Nitrosodimethylamine	3.72	42	33204	23.573	ng		92
6) Aniline	7.28	93	181307	31.309	ng		95
8) 2-Chlorophenol	7.53	128	147563	43.173	ng		99
9) Benzaldehyde	7.08	77	124429	43.052	ng		96
10) Phenol	7.21	94	74616	16.320	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	176291	49.434	ng		99
12) 1,3-Dichlorobenzene	7.84	146	202132	49.212	ng		99
13) 1,4-Dichlorobenzene	7.98	146	205826	50.778	ng		97
14) 1,2-Dichlorobenzene	8.30	146	192153	49.288	ng		99
15) Benzyl Alcohol	8.20	79	127649	34.833	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	165841	48.991	ng		100
17) 2-Methylphenol	8.44	107	107073	31.289	ng		96
18) Hexachloroethane	9.03	117	78148	50.339	ng		92
19) n-Nitroso-di-n-propylamine	8.76	70	162058	52.829	ng		97
20) 3+4-Methylphenols	8.77	107	124077	26.626	ng	#	9
22) Acetophenone	8.77	105	287060	51.407	ng	#	94
24) Nitrobenzene	9.16	77	243818	52.672	ng		96
25) Isophorone	9.68	82	429145	50.436	ng		98
26) 2-Nitrophenol	9.87	139	101330	51.172	ng		94
27) 2,4-Dimethylphenol	9.96	122	139495	47.497	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	237223	53.162	ng		99
29) 2,4-Dichlorophenol	10.44	162	171756	49.523	ng		100
30) 1,2,4-Trichlorobenzene	10.62	180	211085	51.507	ng		97
31) Naphthalene	10.81	128	573253	52.214	ng		99
32) Benzoic acid	10.11	122	18293	17.268	ng		97
33) 4-Chloroaniline	10.92	127	141559	30.846	ng		98
34) Hexachlorobutadiene	11.09	225	147532	50.928	ng		97
35) Caprolactam	11.71	113	10620	8.342	ng		93
36) 4-Chloro-3-methylphenol	12.09	107	174971	44.772	ng		97
37) 2-Methylnaphthalene	12.42	142	432478	52.850	ng		95
38) 1-Methylnaphthalene	12.63	142	408129	52.799	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	242291	53.473	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	321584	122.964	ng		97
43) 2,4,6-Trichlorophenol	13.04	196	160457	50.978	ng		97
44) 2,4,5-Trichlorophenol	13.14	196	174195	48.430	ng		97
46) 1,1'-Biphenyl	13.43	154	533412	53.514	ng		99
47) 2-Chloronaphthalene	13.47	162	413295	51.061	ng		99
48) 2-Nitroaniline	13.68	65	135842	51.020	ng		94
49) Acenaphthylene	14.31	152	669444	51.491	ng		98
50) Dimethylphthalate	14.05	163	706283	63.468	ng		99
51) 2,6-Dinitrotoluene	14.17	165	127280	50.687	ng		97
52) Acenaphthene	14.65	154	495385m	56.922	ng		
53) 3-Nitroaniline	14.51	138	83775	32.819	ng		98
54) 2,4-Dinitrophenol	14.72	184	127704	77.796	ng		97
55) Dibenzofuran	14.99	168	656545	50.801	ng		98
56) 4-Nitrophenol	14.90	139	45135	23.355	ng	#	80
57) 2,4-Dinitrotoluene	14.97	165	175763	48.330	ng		98
58) Fluorene	15.64	166	547528	51.568	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.24	232	160145m	50.608	ng		
60) Diethylphthalate	15.41	149	572450	49.423	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	300762	49.502	ng		98
62) 4-Nitroaniline	15.68	138	104118	39.071	ng		95
63) Azobenzene	15.93	77	559386	51.794	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	105851	49.120	ng		92
66) n-Nitrosodiphenylamine	15.85	169	461009	51.892	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	208985	52.160	ng		97
68) Hexachlorobenzene	16.65	284	227453	54.277	ng		96
69) Atrazine	16.80	200	173648	47.455	ng		99
70) Pentachlorophenol	17.01	266	217579	99.993	ng		97
71) Phenanthrene	17.39	178	851381	52.707	ng		100
72) Anthracene	17.47	178	870936	53.690	ng		98
73) Carbazole	17.76	167	771705	48.805	ng		99
74) Di-n-butylphthalate	18.30	149	921364	48.548	ng		98
75) Fluoranthene	19.39	202	1025216	49.899	ng		99
77) Benzidine	19.58	184	249884	26.906	ng		98
78) Pyrene	19.75	202	1002088	53.160	ng		99
80) Butylbenzylphthalate	20.64	149	407080	50.032	ng		96
81) Benzo(a)anthracene	21.58	228	958349	52.024	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	318049	44.015	ng		99
83) Chrysene	21.65	228	921383	52.018	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	571549	51.102	ng		99
85) Di-n-octyl phthalate	22.67	149	955522	49.742	ng		99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1167930	50.423	ng	#	97
88) Benzo(b)fluoranthene	23.75	252	1010766	53.039	ng		99
89) Benzo(k)fluoranthene	23.82	252	987917	55.179	ng		98
90) Benzo(a)pyrene	24.60	252	937675	52.832	ng		97
91) Dibenzo(a,h)anthracene	28.38	278	967434	54.243	ng		97
92) Benzo(g,h,i)perylene	29.44	276	946354	53.054	ng		97

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

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