Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045749.D
Acq On : 12 Jun 2020 20:44
Operator : CG/JU
Sample : L2993-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SS043MW014-200610MS

Manual Integrations APPROVED
mohammad
6/15/2020 8:45:16 AM

Quant Time: Jun 13 00:06:39 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	56695	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	222812	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	150975	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	346429	20.00	ng		0.00
76) Chrysene-d12	21.60	240	315391	20.00	ng		0.00
87) Perylene-d12	24.74	264	345982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	185337	63.89	ng		0.03
7) Phenol-d6	7.18	99	154378	37.39	ng		0.03
23) Nitrobenzene-d5	9.11	82	420665	102.95	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	290407	150.41	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	904972	101.67	ng		0.00
79) Terphenyl-d14	19.96	244	1460720	108.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	22738	15.806	ng	#	88
3) Pyridine	3.81	79	65434	16.332	ng		94
4) n-Nitrosodimethylamine	3.73	42	27779	21.188	ng	#	84
6) Aniline	7.28	93	156798	29.090	ng		95
8) 2-Chlorophenol	7.54	128	134620	42.315	ng		99
9) Benzaldehyde	7.08	77	115426	42.906	ng		95
10) Phenol	7.20	94	65997	15.508	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	168255	50.689	ng		94
12) 1,3-Dichlorobenzene	7.84	146	189712	49.623	ng		98
13) 1,4-Dichlorobenzene	7.98	146	192911	51.131	ng		99
14) 1,2-Dichlorobenzene	8.30	146	180531	49.750	ng		96
15) Benzyl Alcohol	8.20	79	110689	32.451	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	156535	49.681	ng		99
17) 2-Methylphenol	8.44	107	96681	30.353	ng		92
18) Hexachloroethane	9.03	117	72882	50.438	ng		91
19) n-Nitroso-di-n-propylamine	8.75	70	153864	53.887	ng		96
20) 3+4-Methylphenols	8.77	107	110524	25.481	ng	#	8
22) Acetophenone	8.77	105	268595	50.862	ng	#	96
24) Nitrobenzene	9.15	77	228893	52.287	ng		97
25) Isophorone	9.68	82	417063	51.830	ng		99
26) 2-Nitrophenol	9.87	139	95456	50.973	ng		96
27) 2,4-Dimethylphenol	9.96	122	125824	45.301	ng		96
28) bis(2-Chloroethoxy)methane	10.16	93	223897	53.056	ng		99
29) 2,4-Dichlorophenol	10.44	162	162848	49.651	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	199523	51.481	ng		97
31) Naphthalene	10.80	128	543406	52.337	ng		99
32) Benzoic acid	10.10	122	20355	18.548	ng		94
33) 4-Chloroaniline	10.93	127	130524	30.074	ng		97
34) Hexachlorobutadiene	11.09	225	136261	49.738	ng		95
35) Caprolactam	11.70	113	8957m	7.440	ng		
36) 4-Chloro-3-methylphenol	12.10	107	166348	45.009	ng		97
37) 2-Methylnaphthalene	12.41	142	415001	53.626	ng		98
38) 1-Methylnaphthalene	12.64	142	390517	53.421	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	225629	53.505	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	320331	131.609 ng		98
43) 2,4,6-Trichlorophenol	13.04	196	154980	52.906 ng		98
44) 2,4,5-Trichlorophenol	13.14	196	164523	49.148 ng		98
46) 1,1'-Biphenyl	13.42	154	511827	55.173 ng		100
47) 2-Chloronaphthalene	13.47	162	399831	53.077 ng		97
48) 2-Nitroaniline	13.68	65	132582	53.505 ng		90
49) Acenaphthylene	14.31	152	641591	53.024 ng		99
50) Dimethylphthalate	14.05	163	687520	66.384 ng		98
51) 2,6-Dinitrotoluene	14.17	165	122946	52.608 ng		95
52) Acenaphthene	14.66	154	470868m	58.136 ng		
53) 3-Nitroaniline	14.52	138	85964	36.185 ng		91
54) 2,4-Dinitrophenol	14.72	184	121130	79.183 ng		98
55) Dibenzofuran	14.99	168	625497	52.004 ng		97
56) 4-Nitrophenol	14.90	139	44867	24.945 ng		86
57) 2,4-Dinitrotoluene	14.96	165	172228	50.886 ng		96
58) Fluorene	15.64	166	526632	53.295 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	160930	54.644 ng		98
60) Diethylphthalate	15.42	149	544031	50.468 ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	289925	51.273 ng		99
62) 4-Nitroaniline	15.69	138	94101	37.942 ng		95
63) Azobenzene	15.93	77	531822	52.910 ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	104566	51.827 ng		94
66) n-Nitrosodiphenylamine	15.86	169	440974	53.016 ng		98
67) 4-Bromophenyl-phenylether	16.53	248	198343	52.874 ng		98
68) Hexachlorobenzene	16.65	284	214251	54.607 ng		96
69) Atrazine	16.81	200	168558	49.200 ng		97
70) Pentachlorophenol	17.01	266	211424	103.780 ng		99
71) Phenanthrene	17.38	178	818755	54.138 ng		100
72) Anthracene	17.48	178	845637	55.680 ng		99
73) Carbazole	17.75	167	751487	50.762 ng		99
74) Di-n-butylphthalate	18.31	149	908752	51.143 ng		99
75) Fluoranthene	19.39	202	999061	51.936 ng		99
77) Benzidine	19.59	184	170268	19.222 ng		99
78) Pyrene	19.76	202	991314	55.139 ng		99
80) Butylbenzylphthalate	20.64	149	406430	52.374 ng		98
81) Benzo(a)anthracene	21.58	228	959516	54.613 ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	309904	44.967 ng		96
83) Chrysene	21.65	228	932558	55.202 ng		98
84) Bis(2-ethylhexyl)phthalate	21.49	149	573054	53.721 ng		99
85) Di-n-octyl phthalate	22.68	149	975081	53.221 ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1177516	53.302 ng	#	96
88) Benzo(b)fluoranthene	23.75	252	1034614	55.758 ng		100
89) Benzo(k)fluoranthene	23.82	252	970279	55.659 ng		99
90) Benzo(a)pyrene	24.60	252	938837	54.327 ng		99
91) Dibenzo(a,h)anthracene	28.39	278	969667	55.838 ng		99
92) Benzo(g,h,i)perylene	29.44	276	963683	55.486 ng		96

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

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