Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041273.D
Acq On : 17 Jun 2019 13:42
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Manual Integrations APPROVED

Quant Time: Jun 17 14:56:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 13:41:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.08	152	34177	20.00	ng		0.00	
21) Naphthalene-d8	10.90	136	136678	20.00	ng		0.00	
39) Acenaphthene-d10	14.72	164	96564	20.00	ng		0.00	
64) Phenanthrene-d10	17.46	188	247262	20.00	ng		0.00	
76) Chrysene-d12	21.75	240	257033	20.00	ng		0.00	
87) Perylene-d12	25.05	264	284040	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.62	112	390605	210.59	ng		0.00	
7) Phenol-d6	7.24	99	562258	198.29	ng		0.00	
23) Nitrobenzene-d5	9.27	82	649895	206.36	ng		0.00	6/20/2019 10:48:38 AM
42) 2,4,6-Tribromophenol	16.21	330	295541	221.25	ng		0.00	
45) 2-Fluorobiphenyl	13.34	172	1358755	186.25	ng		0.00	
79) Terphenyl-d14	20.06	244	2288257	174.55	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	3.48	88	92212	119.254	ng		96	
3) Pyridine	3.89	79	246072	108.931	ng		96	
4) n-Nitrosodimethylamine	3.81	42	142204	121.010	ng	#	91	
6) Aniline	7.41	93	374821	101.334	ng		96	
8) 2-Chlorophenol	7.64	128	220527	96.096	ng		95	
10) Phenol	7.27	94	296000	97.220	ng		98	
11) bis(2-Chloroethyl)ether	7.50	93	221942	99.526	ng		96	
12) 1,3-Dichlorobenzene	7.97	146	277329	100.560	ng		94	
13) 1,4-Dichlorobenzene	8.12	146	283650	101.129	ng		95	
14) 1,2-Dichlorobenzene	8.44	146	265180	98.695	ng		95	
15) Benzyl Alcohol	8.33	79	265193	101.612	ng		98	
16) 2,2'-oxybis(1-Chloropropan	8.61	45	352039	98.638	ng		99	
17) 2-Methylphenol	8.53	107	209947	95.451	ng		97	
18) Hexachloroethane	9.17	117	110174	100.245	ng		97	
19) n-Nitroso-di-n-propylamine	8.90	70	213790	98.506	ng		98	
20) 3+4-Methylphenols	8.86	107	283828	93.748	ng		95	
22) Acetophenone	8.92	105	400223	105.807	ng	#	99	
24) Nitrobenzene	9.31	77	331300	104.922	ng		99	
25) Isophorone	9.83	82	584174	105.236	ng		97	
26) 2-Nitrophenol	10.02	139	139725	104.572	ng		98	
27) 2,4-Dimethylphenol	10.06	122	205736	101.292	ng		96	
28) bis(2-Chloroethoxy)methane	10.31	93	309501	102.992	ng		98	
29) 2,4-Dichlorophenol	10.55	162	260380	100.150	ng		98	
30) 1,2,4-Trichlorobenzene	10.76	180	318258	101.383	ng		99	
31) Naphthalene	10.96	128	740159	102.141	ng		100	
33) 4-Chloroaniline	11.08	127	321926	101.727	ng		97	
34) Hexachlorobutadiene	11.22	225	247605	102.378	ng		99	
35) Caprolactam	11.90	113	83352m	112.347	ng			
36) 4-Chloro-3-methylphenol	12.19	107	282065	102.498	ng		98	
37) 2-Methylnaphthalene	12.56	142	539342	99.236	ng		96	
38) 1-Methylnaphthalene	12.77	142	508576	99.226	ng		97	
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	402814	95.873	ng		99	
41) Hexachlorocyclopentadiene	12.88	237	281110	153.700	ng		98	
43) 2,4,6-Trichlorophenol	13.16	196	248740	98.388	ng		98	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.23	196	257173	101.739	ng		99
46) 1,1'-Biphenyl	13.55	154	721148	96.574	ng		97
47) 2-Chloronaphthalene	13.61	162	629464	96.562	ng		99
48) 2-Nitroaniline	13.82	65	237516	105.408	ng		94
49) Acenaphthylene	14.45	152	918267	98.173	ng		98
50) Dimethylphthalate	14.18	163	824357	101.284	ng		99
51) 2,6-Dinitrotoluene	14.31	165	182430	104.470	ng		96
52) Acenaphthene	14.79	154	556362	99.364	ng		94
53) 3-Nitroaniline	14.64	138	182896	108.396	ng		98
54) 2,4-Dinitrophenol	14.84	184	131297	379.180	ng		96
55) Dibenzofuran	15.12	168	932262	98.389	ng		99
56) 4-Nitrophenol	14.94	139	134820	149.622	ng		98
57) 2,4-Dinitrotoluene	15.09	165	267638	110.477	ng		94
58) Fluorene	15.76	166	741474	100.788	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	244714	105.537	ng		98
60) Diethylphthalate	15.52	149	836910	104.117	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	484210	100.512	ng		98
62) 4-Nitroaniline	15.81	138	185616	113.110	ng		97
63) Azobenzene	16.05	77	739588	102.091	ng		96
65) 4,6-Dinitro-2-methylphenol	15.85	198	174392	193.399	ng		96
66) n-Nitrosodiphenylamine	15.98	169	657573	95.615	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	328486	100.292	ng		96
68) Hexachlorobenzene	16.76	284	344235	96.665	ng		97
69) Atrazine	16.91	200	99699	45.568	ng		92
70) Pentachlorophenol	17.11	266	181007	146.757	ng		99
71) Phenanthrene	17.51	178	1274923	97.883	ng		97
72) Anthracene	17.60	178	1250559	96.868	ng		97
73) Carbazole	17.87	167	1113796	101.034	ng		98
74) Di-n-butylphthalate	18.40	149	1369832	100.016	ng		98
75) Fluoranthene	19.51	202	1647154	99.451	ng		94
78) Pyrene	19.88	202	1630973	92.434	ng		95
80) Butylbenzylphthalate	20.74	149	664632	98.386	ng		95
81) Benzo(a)anthracene	21.72	228	1677226	98.678	ng		95
82) 3,3'-Dichlorobenzidine	21.64	252	606135	115.958	ng		98
83) Chrysene	21.79	228	1605677	95.575	ng		95
84) Bis(2-ethylhexyl)phthalate	21.59	149	910622	96.807	ng	#	98
85) Di-n-octyl phthalate	22.82	149	1534867	98.287	ng		98
86) Indeno(1,2,3-cd)pyrene	28.87	276	2058417	204.069	ng		98
88) Benzo(b)fluoranthene	24.00	252	1711916	98.651	ng		96
89) Benzo(k)fluoranthene	24.07	252	1678980	81.041	ng		97
90) Benzo(a)pyrene	24.91	252	1649481	97.569	ng		98
91) Dibenzo(a,h)anthracene	28.94	278	1647167	169.809	ng		97
92) Benzo(g,h,i)perylene	30.09	276	1647939	197.480	ng		96

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

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