Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041247.D
Acq On : 14 Jun 2019 10:31
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
6/17/2019 4:52:20 PM

Quant Time: Jun 14 13:31:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 13:13:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33669	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	157376	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	108380	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	251814	20.00	ng		0.00
76) Chrysene-d12	21.75	240	243005	20.00	ng		0.00
87) Perylene-d12	25.07	264	202228	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	34044	18.23	ng		0.00
7) Phenol-d6	7.24	99	54206	18.80	ng		0.00
23) Nitrobenzene-d5	9.27	82	66981	18.89	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	25500	15.85	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	168840	22.43	ng		0.00
79) Terphenyl-d14	20.06	244	270392	23.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	7024	8.290	ng		93
3) Pyridine	3.90	79	20196	8.056	ng		88
4) n-Nitrosodimethylamine	3.82	42	9107	7.827	ng	#	90
6) Aniline	7.41	93	35929	9.334	ng		95
8) 2-Chlorophenol	7.65	128	22792	10.239	ng		85
9) Benzaldehyde	7.24	77	20783	12.082	ng		96
10) Phenol	7.27	94	29367	9.498	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	22161	9.880	ng		97
12) 1,3-Dichlorobenzene	7.98	146	26959	10.140	ng		95
13) 1,4-Dichlorobenzene	8.13	146	28137	10.455	ng		99
14) 1,2-Dichlorobenzene	8.45	146	26131	10.000	ng		93
15) Benzyl Alcohol	8.33	79	24797	9.296	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	34843	9.507	ng		99
17) 2-Methylphenol	8.53	107	22573	10.083	ng		95
18) Hexachloroethane	9.17	117	10671	10.288	ng		95
19) n-Nitroso-di-n-propylamine	8.89	70	21913	9.875	ng		96
20) 3+4-Methylphenols	8.86	107	29937	9.654	ng		98
22) Acetophenone	8.93	105	43011	9.743	ng	#	97
24) Nitrobenzene	9.31	77	35060	9.705	ng		97
25) Isophorone	9.83	82	60430	8.957	ng		97
26) 2-Nitrophenol	10.03	139	13739	9.225	ng		90
27) 2,4-Dimethylphenol	10.07	122	23468	9.541	ng		81
28) bis(2-Chloroethoxy)methane	10.31	93	33071	9.082	ng		97
29) 2,4-Dichlorophenol	10.56	162	29022	9.291	ng		95
30) 1,2,4-Trichlorobenzene	10.77	180	34784	9.789	ng		91
31) Naphthalene	10.96	128	82119	9.719	ng		97
32) Benzoic acid	10.19	122	1169	0.666	ng	#	83
33) 4-Chloroaniline	11.08	127	33709	8.598	ng		93
34) Hexachlorobutadiene	11.22	225	26411	9.714	ng		98
35) Caprolactam	11.84	113	7403	7.177	ng		92
36) 4-Chloro-3-methylphenol	12.19	107	29070	8.149	ng		93
37) 2-Methylnaphthalene	12.56	142	60877	9.354	ng		98
38) 1-Methylnaphthalene	12.78	142	58095m	9.473	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	46550	10.656	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	13207	6.748	ng		94
43) 2,4,6-Trichlorophenol	13.16	196	26138	9.249	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	25918	8.696	ng		92
46) 1,1'-Biphenyl	13.56	154	83735	10.438	ng		99
47) 2-Chloronaphthalene	13.61	162	73321	10.646	ng		94
48) 2-Nitroaniline	13.82	65	23753	9.614	ng		95
49) Acenaphthylene	14.45	152	106125	10.238	ng		99
50) Dimethylphthalate	14.17	163	91076	9.927	ng		99
51) 2,6-Dinitrotoluene	14.30	165	18845	9.527	ng		97
52) Acenaphthene	14.79	154	62986	10.031	ng		97
53) 3-Nitroaniline	14.64	138	17170	8.680	ng		99
54) 2,4-Dinitrophenol	14.89	184	285	0.372	ng	#	58
55) Dibenzofuran	15.12	168	105285	9.964	ng		99
56) 4-Nitrophenol	14.96	139	4667	3.440	ng	#	76
57) 2,4-Dinitrotoluene	15.09	165	25171	9.008	ng	#	96
58) Fluorene	15.77	166	82026	9.748	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.34	232	20193	6.894	ng	#	91
60) Diethylphthalate	15.52	149	89337	9.542	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	53997	9.873	ng		95
62) 4-Nitroaniline	15.81	138	12358	5.901	ng		93
63) Azobenzene	16.05	77	79505	9.343	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	2971	2.459	ng		95
66) n-Nitrosodiphenylamine	15.97	169	70052	9.896	ng		96
67) 4-Bromophenyl-phenylether	16.65	248	31971	9.408	ng		90
68) Hexachlorobenzene	16.76	284	38322	10.590	ng		98
69) Atrazine	16.91	200	28832	10.556	ng		96
70) Pentachlorophenol	17.13	266	5684	3.241	ng		90
71) Phenanthrene	17.51	178	138285	10.543	ng		96
72) Anthracene	17.61	178	133647	10.331	ng		99
73) Carbazole	17.88	167	111868	10.078	ng		100
74) Di-n-butylphthalate	18.40	149	140951	10.217	ng		98
75) Fluoranthene	19.52	202	173792	10.727	ng		99
77) Benzidine	19.71	184	41501	7.159	ng		96
78) Pyrene	19.88	202	179322	11.352	ng		95
80) Butylbenzylphthalate	20.74	149	64404	10.476	ng		98
81) Benzo(a)anthracene	21.72	228	163035	10.079	ng		96
82) 3,3'-Dichlorobenzidine	21.65	252	45893	8.066	ng		98
83) Chrysene	21.79	228	164649	10.636	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	89179	10.305	ng		99
85) Di-n-octyl phthalate	22.83	149	146509	10.165	ng		100
86) Indeno(1,2,3-cd)pyrene	28.89	276	84595m	4.461	ng		
88) Benzo(b)fluoranthene	24.00	252	111030	9.052	ng	#	99
89) Benzo(k)fluoranthene	24.07	252	149482	12.315	ng	#	98
90) Benzo(a)pyrene	24.91	252	118004	10.084	ng		94
91) Dibenzo(a,h)anthracene	28.95	278	67410m	5.765	ng		
92) Benzo(g,h,i)perylene	30.10	276	62859m	5.533	ng		

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

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