Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062619\
Data File : BG041468.D
Acq On : 26 Jun 2019 13:29
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/28/2019 8:26:50 AM

Quant Time: Jun 26 14:13:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 13:18:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29331	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	115210	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	80009	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	212918	20.00	ng		0.00
76) Chrysene-d12	21.71	240	219841	20.00	ng		0.00
87) Perylene-d12	24.99	264	232101	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	252877	158.41	ng		0.00
7) Phenol-d6	7.20	99	360070	155.61	ng		0.00
23) Nitrobenzene-d5	9.22	82	423731	154.68	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	208023	169.36	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	976230	165.84	ng		0.00
79) Terphenyl-d14	20.03	244	1720508	155.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	57725	72.114	ng		98
3) Pyridine	3.82	79	143646	67.645	ng		98
4) n-Nitrosodimethylamine	3.75	42	86383	76.281	ng	#	91
6) Aniline	7.36	93	239660	74.515	ng		98
8) 2-Chlorophenol	7.59	128	145052	77.333	ng		95
9) Benzaldehyde	7.17	77	88286	59.654	ng		90
10) Phenol	7.22	94	191332	76.895	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	145114	76.863	ng		99
12) 1,3-Dichlorobenzene	7.92	146	186603	79.455	ng		99
13) 1,4-Dichlorobenzene	8.07	146	188383	78.525	ng		96
14) 1,2-Dichlorobenzene	8.39	146	179181	78.197	ng		96
15) Benzyl Alcohol	8.28	79	159157	71.791	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	202842	65.631	ng		97
17) 2-Methylphenol	8.48	107	136973	76.999	ng		96
18) Hexachloroethane	9.11	117	74449	78.313	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	136622	73.003	ng		98
20) 3+4-Methylphenols	8.82	107	188090	79.425	ng		95
22) Acetophenone	8.87	105	265629	79.230	ng	#	97
24) Nitrobenzene	9.26	77	212961	77.296	ng		100
25) Isophorone	9.77	82	384415	76.488	ng		97
26) 2-Nitrophenol	9.97	139	92431	82.751	ng		95
27) 2,4-Dimethylphenol	10.02	122	127384	76.082	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	204500	78.093	ng		99
29) 2,4-Dichlorophenol	10.51	162	171729	82.721	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	215496	81.050	ng		98
31) Naphthalene	10.91	128	490957	78.409	ng		98
32) Benzoic acid	10.23	122	95502	87.623	ng		95
33) 4-Chloroaniline	11.03	127	213298	80.210	ng		99
34) Hexachlorobutadiene	11.17	225	167884	79.548	ng		98
35) Caprolactam	11.85	113	54079m	75.667	ng		
36) 4-Chloro-3-methylphenol	12.15	107	185201	77.233	ng		98
37) 2-Methylnaphthalene	12.51	142	365135	79.175	ng		97
38) 1-Methylnaphthalene	12.73	142	346007	78.418	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	280161	84.799	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	168514	75.722	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	167082	81.752	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	164845	78.389	ng		99
46) 1,1'-Biphenyl	13.51	154	501503	82.912	ng		98
47) 2-Chloronaphthalene	13.56	162	429018	82.384	ng		99
48) 2-Nitroaniline	13.78	65	150136	78.721	ng		95
49) Acenaphthylene	14.41	152	643988	81.495	ng		97
50) Dimethylphthalate	14.13	163	573210	80.520	ng		99
51) 2,6-Dinitrotoluene	14.27	165	123242	82.104	ng		97
52) Acenaphthene	14.75	154	384092	82.774	ng		94
53) 3-Nitroaniline	14.61	138	120254	81.314	ng	#	98
54) 2,4-Dinitrophenol	14.82	184	85204	88.617	ng		87
55) Dibenzofuran	15.08	168	654206	81.087	ng		98
56) 4-Nitrophenol	14.92	139	85034	82.760	ng		86
57) 2,4-Dinitrotoluene	15.06	165	178113	81.173	ng		95
58) Fluorene	15.73	166	521727	82.206	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	170448m	78.380	ng		
60) Diethylphthalate	15.49	149	584955	80.842	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	342716	82.996	ng		99
62) 4-Nitroaniline	15.78	138	120457	76.156	ng		97
63) Azobenzene	16.01	77	496089	76.851	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	117457	84.990	ng		92
66) n-Nitrosodiphenylamine	15.94	169	466360	82.491	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	230686	83.791	ng		97
68) Hexachlorobenzene	16.73	284	245810	83.379	ng		97
69) Atrazine	16.87	200	75848	41.134	ng		97
70) Pentachlorophenol	17.07	266	113328	75.071	ng		95
71) Phenanthrene	17.47	178	904513	79.653	ng		98
72) Anthracene	17.57	178	903640	80.717	ng		99
73) Carbazole	17.84	167	784536	80.109	ng		99
74) Di-n-butylphthalate	18.36	149	979232	80.136	ng		98
75) Fluoranthene	19.48	202	1175854	77.942	ng		98
77) Benzidine	19.67	184	246739	46.402	ng		99
78) Pyrene	19.84	202	1171994	79.049	ng		96
80) Butylbenzylphthalate	20.71	149	457526	81.585	ng		99
81) Benzo(a)anthracene	21.68	228	1173572	78.842	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	407493	77.985	ng		100
83) Chrysene	21.75	228	1124636	78.565	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	627902	82.159	ng		99
85) Di-n-octyl phthalate	22.77	149	1041127	80.520	ng		99
86) Indeno(1,2,3-cd)pyrene	28.79	276	1343799	79.124	ng		99
88) Benzo(b)fluoranthene	23.95	252	1142940	79.458	ng	#	99
89) Benzo(k)fluoranthene	24.02	252	1143502	80.249	ng		98
90) Benzo(a)pyrene	24.84	252	1090756	80.294	ng		99
91) Dibenzo(a,h)anthracene	28.85	278	1080544	79.008	ng		99
92) Benzo(g,h,i)perylene	29.99	276	1076895	79.678	ng		97

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

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