Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
Data File : BG043747.D
Acq On : 22 Nov 2019 18:24
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:11 AM

Quant Time: Nov 23 00:21:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 23:55:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	97806	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	411038	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	290904	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	673278	20.00	ng		0.00
76) Chrysene-d12	21.67	240	430485	20.00	ng		0.00
87) Perylene-d12	24.85	264	504138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	636336	119.22	ng		0.00
7) Phenol-d6	7.19	99	913242	118.92	ng		0.00
23) Nitrobenzene-d5	9.19	82	919444	115.32	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	403260	72.84	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1992517	94.65	ng		0.00
79) Terphenyl-d14	20.02	244	2771602	120.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	137408	66.063	ng		98
3) Pyridine	3.91	79	410360	78.212	ng		98
4) n-Nitrosodimethylamine	3.83	42	218749	82.622	ng	#	97
6) Aniline	7.36	93	597887	67.586	ng		96
8) 2-Chlorophenol	7.60	128	362251	61.483	ng		97
9) Benzaldehyde	7.16	77	237195	62.851	ng		97
10) Phenol	7.21	94	475536	67.766	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	392926	72.423	ng		97
12) 1,3-Dichlorobenzene	7.93	146	424757	57.539	ng		97
13) 1,4-Dichlorobenzene	8.07	146	424516	56.838	ng		97
14) 1,2-Dichlorobenzene	8.39	146	412146	56.516	ng		98
15) Benzyl Alcohol	8.27	79	395067	73.253	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	692611	87.795	ng		98
17) 2-Methylphenol	8.47	107	339810	66.426	ng		97
18) Hexachloroethane	9.12	117	166287	61.709	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	358276	72.201	ng	#	96
20) 3+4-Methylphenols	8.80	107	478432	68.203	ng		94
22) Acetophenone	8.85	105	632088	60.049	ng		99
24) Nitrobenzene	9.23	77	458576	60.378	ng		100
25) Isophorone	9.76	82	931388	63.896	ng		97
26) 2-Nitrophenol	9.94	139	185489	50.587	ng		97
27) 2,4-Dimethylphenol	10.00	122	331065	62.994	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	578941	71.962	ng		99
29) 2,4-Dichlorophenol	10.48	162	410301	60.933	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	466424	54.958	ng		98
31) Naphthalene	10.89	128	1185125	56.802	ng		98
32) Benzoic acid	10.18	122	265069	71.893	ng		96
33) 4-Chloroaniline	10.98	127	581857	68.034	ng		97
34) Hexachlorobutadiene	11.19	225	313596	49.986	ng		98
35) Caprolactam	11.78	113	153708m	66.279	ng		
36) 4-Chloro-3-methylphenol	12.10	107	442575	60.255	ng		98
37) 2-Methylnaphthalene	12.49	142	914358	57.117	ng		98
38) 1-Methylnaphthalene	12.71	142	859705	56.441	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	555727	51.619	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	315027	55.704	ng		100
43) 2,4,6-Trichlorophenol	13.09	196	364490	57.489	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	373644	58.293	ng		98
46) 1,1'-Biphenyl	13.50	154	1182787	53.446	ng		98
47) 2-Chloronaphthalene	13.54	162	966970	57.427	ng		96
48) 2-Nitroaniline	13.73	65	306351	60.873	ng		97
49) Acenaphthylene	14.38	152	1463434	55.843	ng		95
50) Dimethylphthalate	14.12	163	1265013	56.142	ng		97
51) 2,6-Dinitrotoluene	14.22	165	268533	54.857	ng		97
52) Acenaphthene	14.72	154	958133	59.952	ng		98
53) 3-Nitroaniline	14.55	138	295710	62.569	ng		98
54) 2,4-Dinitrophenol	14.75	184	114460	44.287	ng	#	66
55) Dibenzofuran	15.06	168	1427518	55.081	ng		95
56) 4-Nitrophenol	14.85	139	239319	75.563	ng		99
57) 2,4-Dinitrotoluene	15.01	165	368623	52.693	ng		99
58) Fluorene	15.71	166	1150000	52.906	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	362063	53.166	ng	#	88
60) Diethylphthalate	15.49	149	1286867	56.840	ng		96
61) 4-Chlorophenyl-phenylether	15.70	204	660271	52.069	ng		98
62) 4-Nitroaniline	15.72	138	310913	63.699	ng		99
63) Azobenzene	15.99	77	1188600	64.868	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	169365	42.745	ng		97
66) n-Nitrosodiphenylamine	15.92	169	1073648	56.483	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	446921	49.325	ng		97
68) Hexachlorobenzene	16.72	284	472143	45.395	ng		97
69) Atrazine	16.86	200	395080	59.815	ng		98
70) Pentachlorophenol	17.05	266	297368	62.746	ng		97
71) Phenanthrene	17.44	178	1867014	54.153	ng		94
72) Anthracene	17.54	178	1872249	54.276	ng		94
73) Carbazole	17.80	167	1721721	55.117	ng		94
74) Di-n-butylphthalate	18.38	149	2090028	55.142	ng	#	94
75) Fluoranthene	19.45	202	2202916	49.011	ng		94
77) Benzidine	19.62	184	820933	94.756	ng		97
78) Pyrene	19.81	202	2190092	82.191	ng		93
80) Butylbenzylphthalate	20.71	149	803227	79.564	ng		98
81) Benzo(a)anthracene	21.65	228	1686175	62.531	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	605759	58.081	ng		98
83) Chrysene	21.72	228	1593521	59.477	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	976084	68.065	ng		99
85) Di-n-octyl phthalate	22.80	149	1752416	72.028	ng		99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2047329	60.877	ng		97
88) Benzo(b)fluoranthene	23.84	252	1702674	59.633	ng		97
89) Benzo(k)fluoranthene	23.92	252	1653453	57.523	ng		99
90) Benzo(a)pyrene	24.71	252	1635770	59.993	ng		98
91) Dibenzo(a,h)anthracene	28.55	278	1647076	59.058	ng		99
92) Benzo(g,h,i)perylene	29.61	276	1629561	59.236	ng		99

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

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