Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042779.D
Acq On : 12 Sep 2019 12:26
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
9/16/2019 9:03:22 AM

Quant Time: Sep 12 14:08:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 12:36:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	78874	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	319985	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	211081	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	499017	20.00	ng		0.00
76) Chrysene-d12	21.77	240	482103	20.00	ng		0.00
87) Perylene-d12	25.04	264	545797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	724483	158.06	ng		0.00
7) Phenol-d6	7.28	99	1012849	155.35	ng		0.00
23) Nitrobenzene-d5	9.29	82	990593	187.39	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	450142	168.44	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	2031446	152.07	ng		0.00
79) Terphenyl-d14	20.10	244	3064668	140.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	163113	78.239	ng		98
3) Pyridine	3.99	79	478778	76.022	ng		96
4) n-Nitrosodimethylamine	3.90	42	248027	80.075	ng		95
6) Aniline	7.45	93	686068	77.257	ng		99
8) 2-Chlorophenol	7.69	128	385534	79.460	ng		95
10) Phenol	7.30	94	520743	78.619	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	398749	77.898	ng		98
12) 1,3-Dichlorobenzene	8.02	146	474008	79.108	ng		100
13) 1,4-Dichlorobenzene	8.16	146	468160	78.259	ng		99
14) 1,2-Dichlorobenzene	8.48	146	445507	78.463	ng		99
15) Benzyl Alcohol	8.36	79	440382	78.779	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	862994	75.022	ng		97
17) 2-Methylphenol	8.55	107	349354	77.563	ng		97
18) Hexachloroethane	9.22	117	180331	82.347	ng		99
19) n-Nitroso-di-n-propylamine	8.94	70	377231	78.681	ng		94
20) 3+4-Methylphenols	8.89	107	486809	79.290	ng		97
22) Acetophenone	8.95	105	620065	76.331	ng	#	97
24) Nitrobenzene	9.33	77	522977	91.525	ng		97
25) Isophorone	9.86	82	991822	77.750	ng		98
26) 2-Nitrophenol	10.04	139	215665	104.555	ng		93
27) 2,4-Dimethylphenol	10.09	122	346625	77.980	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	555282	77.642	ng		99
29) 2,4-Dichlorophenol	10.57	162	407849	80.172	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	506227	80.131	ng		98
31) Naphthalene	10.98	128	1212045	77.417	ng		98
32) Benzoic acid	10.26	122	299999	103.907	ng		92
33) 4-Chloroaniline	11.08	127	573563	77.228	ng		99
34) Hexachlorobutadiene	11.28	225	355975	80.303	ng		94
35) Caprolactam	11.87	113	149556m	78.158	ng		
36) 4-Chloro-3-methylphenol	12.20	107	437124	78.927	ng		96
37) 2-Methylnaphthalene	12.58	142	914616	77.630	ng		99
38) 1-Methylnaphthalene	12.80	142	851241	77.307	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	561355	80.262	ng		99
41) Hexachlorocyclopentadiene	12.94	237	353169	87.270	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.18	196	369162	83.746	ng		95
44) 2,4,5-Trichlorophenol	13.25	196	373901	81.858	ng		97
46) 1,1'-Biphenyl	13.58	154	1168294	79.670	ng		98
47) 2-Chloronaphthalene	13.62	162	969316	79.709	ng		95
48) 2-Nitroaniline	13.82	65	361898	104.493	ng		96
49) Acenaphthylene	14.47	152	1450223	77.358	ng		96
50) Dimethylphthalate	14.20	163	1225683	77.757	ng		99
51) 2,6-Dinitrotoluene	14.31	165	272461	100.687	ng		95
52) Acenaphthene	14.81	154	978044	81.585	ng		98
53) 3-Nitroaniline	14.64	138	295971	94.059	ng		98
54) 2,4-Dinitrophenol	14.83	184	142451	107.546	ng		89
55) Dibenzofuran	15.14	168	1400584	77.333	ng		96
56) 4-Nitrophenol	14.93	139	229852	91.802	ng		97
57) 2,4-Dinitrotoluene	15.09	165	368787	107.509	ng	#	98
58) Fluorene	15.79	166	1163466	77.552	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	359286	81.036	ng		99
60) Diethylphthalate	15.56	149	1240743	77.359	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	692342	78.198	ng		96
62) 4-Nitroaniline	15.80	138	316445	88.250	ng		96
63) Azobenzene	16.07	77	1189251	76.849	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	188397	109.657	ng		94
66) n-Nitrosodiphenylamine	15.99	169	1028028	76.122	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	480053	79.438	ng		100
68) Hexachlorobenzene	16.80	284	508785	79.587	ng		99
70) Pentachlorophenol	17.13	266	301572	83.844	ng		93
71) Phenanthrene	17.53	178	1804121	75.218	ng		97
72) Anthracene	17.62	178	1792356	74.697	ng		96
73) Carbazole	17.88	167	1687987	73.371	ng		94
74) Di-n-butylphthalate	18.45	149	1984450	72.038	ng		96
75) Fluoranthene	19.53	202	2237346	70.401	ng		93
77) Benzidine	19.70	184	869912	60.768	ng	#	95
78) Pyrene	19.89	202	2255726	74.997	ng		94
80) Butylbenzylphthalate	20.79	149	952562	79.390	ng		98
81) Benzo(a)anthracene	21.75	228	2317265	75.425	ng		93
82) 3,3'-Dichlorobenzidine	21.66	252	929083	77.650	ng		98
83) Chrysene	21.82	228	2181510	74.754	ng		95
84) Bis(2-ethylhexyl)phthalate	21.67	149	1295321	77.474	ng		98
85) Di-n-octyl phthalate	22.92	149	2204984	78.190	ng		97
86) Indeno(1,2,3-cd)pyrene	28.82	276	2885300	80.457	ng	#	92
88) Benzo(b)fluoranthene	24.01	252	2494210	78.117	ng		96
89) Benzo(k)fluoranthene	24.08	252	2323469	76.213	ng		97
90) Benzo(a)pyrene	24.90	252	2327608	77.280	ng		98
91) Dibenzo(a,h)anthracene	28.88	278	2317418	78.883	ng		99
92) Benzo(g,h,i)perylene	29.98	276	2281842	79.295	ng		97

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

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