Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
Data File : BG043864.D
Acq On : 30 Dec 2019 15:12
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
12/31/2019 1:47:58 PM

Quant Time: Dec 30 17:25:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 14:25:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	177217	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	704238	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	438941	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	835436	20.00	ng		0.00
76) Chrysene-d12	21.60	240	704560	20.00	ng		0.00
87) Perylene-d12	24.73	264	800183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1400052	144.44	ng		0.00
7) Phenol-d6	7.14	99	1897702	139.72	ng		0.01
23) Nitrobenzene-d5	9.13	82	2157654	169.84	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	699465	151.96	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	3515857	143.58	ng		0.00
79) Terphenyl-d14	19.96	244	3744821	130.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	316796	75.231	ng		100
3) Pyridine	3.83	79	910554	73.360	ng		99
4) n-Nitrosodimethylamine	3.75	42	420854	75.822	ng		99
6) Aniline	7.30	93	1307497	73.440	ng		96
8) 2-Chlorophenol	7.54	128	827825	72.825	ng		99
9) Benzaldehyde	7.10	77	677894	85.267	ng		97
10) Phenol	7.16	94	1014420	72.605	ng		95
11) bis(2-Chloroethyl)ether	7.39	93	878720	72.988	ng		98
12) 1,3-Dichlorobenzene	7.86	146	966787	72.644	ng		98
13) 1,4-Dichlorobenzene	8.01	146	960880	73.231	ng		99
14) 1,2-Dichlorobenzene	8.33	146	910622	72.204	ng		98
15) Benzyl Alcohol	8.21	79	800384	74.900	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	1363395	73.073	ng		99
17) 2-Methylphenol	8.41	107	753038	74.594	ng		98
18) Hexachloroethane	9.06	117	382644	74.643	ng		96
19) n-Nitroso-di-n-propylamine	8.78	70	736684	72.987	ng		96
20) 3+4-Methylphenols	8.75	107	1040621	73.916	ng		97
22) Acetophenone	8.79	105	1303875	74.398	ng	#	93
24) Nitrobenzene	9.17	77	998778	76.657	ng		98
25) Isophorone	9.70	82	1866911	75.607	ng		97
26) 2-Nitrophenol	9.88	139	516571	83.746	ng		100
27) 2,4-Dimethylphenol	9.95	122	719554	77.525	ng		99
28) bis(2-Chloroethoxy)methane	10.18	93	1233556	74.892	ng		97
29) 2,4-Dichlorophenol	10.42	162	866456	78.361	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	956547	77.013	ng		98
31) Naphthalene	10.82	128	2460177	72.200	ng		93
32) Benzoic acid	10.13	122	646528m	90.248	ng		
33) 4-Chloroaniline	10.92	127	1239520	76.373	ng		96
34) Hexachlorobutadiene	11.12	225	588375	77.619	ng		99
35) Caprolactam	11.72	113	320632m	78.000	ng		
36) 4-Chloro-3-methylphenol	12.06	107	901838	76.299	ng		98
37) 2-Methylnaphthalene	12.43	142	1873815	73.047	ng		96
38) 1-Methylnaphthalene	12.65	142	1771634	72.864	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	990983	77.105	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	553187	82.506	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	703031	79.299	ng		96
44) 2,4,5-Trichlorophenol	13.11	196	711299	77.959	ng		99
46) 1,1'-Biphenyl	13.44	154	2259627	71.678	ng		89
47) 2-Chloronaphthalene	13.48	162	1874784	73.810	ng		93
48) 2-Nitroaniline	13.67	65	648672	79.412	ng		99
49) Acenaphthylene	14.32	152	2602267	71.321	ng	#	90
50) Dimethylphthalate	14.07	163	2164646	69.338	ng		95
51) 2,6-Dinitrotoluene	14.17	165	546183	77.509	ng		98
52) Acenaphthene	14.67	154	1926462	75.252	ng		96
53) 3-Nitroaniline	14.50	138	611999	76.414	ng		100
54) 2,4-Dinitrophenol	14.70	184	290385	91.672	ng		96
55) Dibenzofuran	15.00	168	2430369	68.825	ng	#	89
56) 4-Nitrophenol	14.81	139	480272	78.181	ng		99
57) 2,4-Dinitrotoluene	14.96	165	735086	76.657	ng		97
58) Fluorene	15.65	166	1947590	69.616	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	606981	77.338	ng		99
60) Diethylphthalate	15.43	149	2172981	69.584	ng		94
61) 4-Chlorophenyl-phenylether	15.65	204	1105438	72.786	ng		97
62) 4-Nitroaniline	15.67	138	586411	74.207	ng		97
63) Azobenzene	15.94	77	2038586	70.461	ng		92
65) 4,6-Dinitro-2-methylphenol	15.72	198	365655	90.165	ng		94
66) n-Nitrosodiphenylamine	15.86	169	1821627	73.838	ng		94
67) 4-Bromophenyl-phenylether	16.54	248	726217	77.336	ng		99
68) Hexachlorobenzene	16.66	284	781826	77.158	ng		98
69) Atrazine	16.81	200	558936	69.745	ng		98
70) Pentachlorophenol	17.00	266	466454	83.464	ng		99
71) Phenanthrene	17.39	178	2772331	69.144	ng	#	88
72) Anthracene	17.48	178	2748410	69.422	ng	#	88
73) Carbazole	17.74	167	2544665	69.497	ng	#	89
74) Di-n-butylphthalate	18.31	149	2949257	65.973	ng	#	90
75) Fluoranthene	19.39	202	2962393	67.282	ng		87
77) Benzidine	19.57	184	1328983	73.216	ng		94
78) Pyrene	19.75	202	2978063	67.132	ng	#	87
80) Butylbenzylphthalate	20.65	149	1620326	74.088	ng	#	96
81) Benzo(a)anthracene	21.58	228	3047768	69.725	ng	#	88
82) 3,3'-Dichlorobenzidine	21.50	252	1272720	73.327	ng		95
83) Chrysene	21.64	228	2867132	69.094	ng	#	85
84) Bis(2-ethylhexyl)phthalate	21.51	149	2125658	70.571	ng	#	90
85) Di-n-octyl phthalate	22.70	149	3561151	70.121	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.30	276	4366480	77.402	ng	#	93
88) Benzo(b)fluoranthene	23.75	252	3489287	73.698	ng		94
89) Benzo(k)fluoranthene	23.81	252	3294950	73.416	ng		93
90) Benzo(a)pyrene	24.59	252	3350178	75.081	ng		96
91) Dibenzo(a,h)anthracene	28.37	278	3441390	76.811	ng		97
92) Benzo(g,h,i)perylene	29.41	276	3432932	77.100	ng		99

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

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