Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
Data File : BG046450.D
Acq On : 25 Aug 2020 16:08
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
8/26/2020 4:00:10 PM

Quant Time: Aug 25 16:52:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 15:31:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	79118	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	309534	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	224268	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	547130	20.00	ng		0.00
76) Chrysene-d12	21.56	240	532645	20.00	ng		0.00
86) Perylene-d12	24.66	264	549032	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	512995	112.71	ng		0.00
7) Phenol-d6	7.11	99	728450	117.44	ng		0.00
23) Nitrobenzene-d5	9.09	82	638522	111.69	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	358221	103.99	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1589279	102.94	ng		0.00
79) Terphenyl-d14	19.93	244	2554945	97.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	105712	51.030	ng		98
3) Pyridine	3.82	79	325379m	57.056	ng		
4) n-Nitrosodimethylamine	3.73	42	123060	50.702	ng		99
6) Aniline	7.26	93	421257	57.053	ng		99
8) 2-Chlorophenol	7.51	128	269136	53.502	ng		98
9) Benzaldehyde	7.07	77	184996	50.261	ng		93
10) Phenol	7.14	94	340805	54.684	ng		100
11) bis(2-Chloroethyl)ether	7.35	93	267881	54.039	ng		100
12) 1,3-Dichlorobenzene	7.82	146	340983	55.923	ng		98
13) 1,4-Dichlorobenzene	7.97	146	339253	55.409	ng		98
14) 1,2-Dichlorobenzene	8.29	146	322775	55.898	ng		99
15) Benzyl Alcohol	8.17	79	247791	57.825	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	417996	51.432	ng		99
17) 2-Methylphenol	8.38	107	242746	57.695	ng		98
18) Hexachloroethane	9.02	117	116823	57.051	ng		99
19) n-Nitroso-di-n-propylamine	8.74	70	225041	55.746	ng		98
20) 3+4-Methylphenols	8.71	107	342519	59.477	ng		99
22) Acetophenone	8.75	105	440715	55.479	ng	#	98
24) Nitrobenzene	9.13	77	316140	51.866	ng		100
25) Isophorone	9.66	82	602245	52.941	ng		98
26) 2-Nitrophenol	9.85	139	176818	64.007	ng		96
27) 2,4-Dimethylphenol	9.91	122	234756	52.233	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	377149	60.973	ng		99
29) 2,4-Dichlorophenol	10.39	162	312529	59.114	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	357626	57.742	ng		99
31) Naphthalene	10.79	128	874969	53.423	ng		99
32) Benzoic acid	10.09	122	208301	75.525	ng		99
33) 4-Chloroaniline	10.89	127	409328	61.161	ng		98
34) Hexachlorobutadiene	11.08	225	231768	56.214	ng		99
35) Caprolactam	11.68	113	120770	69.791	ng		97
36) 4-Chloro-3-methylphenol	12.02	107	313340	60.394	ng		97
37) 2-Methylnaphthalene	12.39	142	704465	55.900	ng		99
38) 1-Methylnaphthalene	12.61	142	662459	55.550	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	421988	52.223	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	212769	45.906 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	299292	58.055 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	315155	56.028 ng	99
46) 1,1'-Biphenyl	13.40	154	890982	50.644 ng	97
47) 2-Chloronaphthalene	13.44	162	752837	53.646 ng	99
48) 2-Nitroaniline	13.64	65	226477	61.569 ng	100
49) Acenaphthylene	14.29	152	1145055	52.546 ng	99
50) Dimethylphthalate	14.03	163	981804	57.039 ng	99
51) 2,6-Dinitrotoluene	14.14	165	228111	56.943 ng	98
52) Acenaphthene	14.63	154	718536	49.961 ng	98
53) 3-Nitroaniline	14.47	138	253190	63.752 ng	100
54) 2,4-Dinitrophenol	14.67	184	152987	72.826 ng	96
55) Dibenzofuran	14.96	168	1127261	51.944 ng	99
56) 4-Nitrophenol	14.79	139	198786	57.652 ng	99
57) 2,4-Dinitrotoluene	14.93	165	327754	59.506 ng	98
58) Fluorene	15.61	166	937583	53.349 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	308071	58.146 ng	98
60) Diethylphthalate	15.39	149	967295	57.126 ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	525112	57.208 ng	97
62) 4-Nitroaniline	15.64	138	262322	65.675 ng	98
63) Azobenzene	15.90	77	787370	49.616 ng	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	203618	56.272 ng	96
66) n-Nitrosodiphenylamine	15.83	169	851619	51.421 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	377378	55.830 ng	97
68) Hexachlorobenzene	16.63	284	403801	53.276 ng	96
69) Atrazine	16.77	200	343159	53.809 ng	98
70) Pentachlorophenol	16.97	266	247411	50.309 ng	99
71) Phenanthrene	17.35	178	1531241	51.091 ng	97
72) Anthracene	17.44	178	1506890	50.548 ng	97
73) Carbazole	17.71	167	1428562	49.696 ng	98
74) Di-n-butylphthalate	18.28	149	1633693	54.370 ng	97
75) Fluoranthene	19.36	202	1892391	50.575 ng	97
77) Benzidine	19.54	184	833725	55.259 ng	99
78) Pyrene	19.72	202	1884931	52.668 ng	96
80) Butylbenzylphthalate	20.61	149	784350	60.501 ng	97
81) Benzo(a)anthracene	21.54	228	1854306	52.021 ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	731633	49.428 ng	99
83) Chrysene	21.61	228	1781454	51.018 ng	95
84) Bis(2-ethylhexyl)phthalate	21.46	149	1036736	55.935 ng	99
85) Di-n-octyl phthalate	22.64	149	1808103	57.616 ng	99
87) Indeno(1,2,3-cd)pyrene	28.20	276	2319656	55.398 ng	99
88) Benzo(b)fluoranthene	23.69	252	1976246	53.714 ng	97
89) Benzo(k)fluoranthene	23.76	252	1858208	51.493 ng	98
90) Benzo(a)pyrene	24.53	252	1851013	54.067 ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1847875	52.791 ng	99
92) Benzo(g,h,i)perylene	29.30	276	1867500	52.827 ng	98

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

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