Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046557.D
Acq On : 8 Sep 2020 14:34
Operator : CG/JU
Sample : L3919-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-11MSD

Manual Integrations APPROVED
Sohil
9/9/2020 3:49:03 PM

Quant Time: Sep 08 16:54:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	66704	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	272852	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	202308	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	500624	20.00	ng		0.00
76) Chrysene-d12	21.55	240	486090	20.00	ng		0.00
86) Perylene-d12	24.65	264	499312	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	464669	123.38	ng		0.00
7) Phenol-d6	7.10	99	624922	117.05	ng		0.00
23) Nitrobenzene-d5	9.08	82	401280	84.06	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	321871	117.42	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1053214	79.47	ng		0.00
79) Terphenyl-d14	19.92	244	1647806	72.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	51365	32.783	ng		95
3) Pyridine	3.81	79	156675	34.177	ng		96
4) n-Nitrosodimethylamine	3.72	42	69416	41.056	ng		98
6) Aniline	7.25	93	176795	29.428	ng		98
8) 2-Chlorophenol	7.50	128	183035	45.984	ng		99
9) Benzaldehyde	7.06	77	100085	33.461	ng		92
10) Phenol	7.13	94	228585	46.486	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	163786	41.438	ng		98
12) 1,3-Dichlorobenzene	7.82	146	203716	40.311	ng		99
13) 1,4-Dichlorobenzene	7.96	146	204403	40.401	ng		99
14) 1,2-Dichlorobenzene	8.28	146	199299	41.083	ng		99
15) Benzyl Alcohol	8.17	79	160453	46.812	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	250678	40.888	ng		99
17) 2-Methylphenol	8.38	107	162394	46.567	ng		99
18) Hexachloroethane	9.01	117	67777	39.511	ng		96
19) n-Nitroso-di-n-propylamine	8.73	70	135539	42.443	ng		97
20) 3+4-Methylphenols	8.71	107	225206	46.787	ng		99
22) Acetophenone	8.75	105	261773	39.413	ng	#	99
24) Nitrobenzene	9.12	77	195978	41.553	ng		98
25) Isophorone	9.65	82	381563	43.596	ng		97
26) 2-Nitrophenol	9.83	139	109842	44.142	ng		95
27) 2,4-Dimethylphenol	9.91	122	181665	53.080	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	230872	40.983	ng		100
29) 2,4-Dichlorophenol	10.38	162	208674	45.737	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	213408	39.423	ng		99
31) Naphthalene	10.77	128	553533	41.549	ng		99
32) Benzoic acid	10.06	122	91366	38.750	ng		98
33) 4-Chloroaniline	10.88	127	123708	21.058	ng		97
34) Hexachlorobutadiene	11.07	225	134382	38.241	ng		98
35) Caprolactam	11.66	113	78098m	45.793	ng		
36) 4-Chloro-3-methylphenol	12.02	107	214743	48.123	ng		95
37) 2-Methylnaphthalene	12.38	142	442270	42.093	ng		100
38) 1-Methylnaphthalene	12.60	142	419482	42.148	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	267344	40.073	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	278279	95.930 ng	100
43) 2,4,6-Trichlorophenol	13.00	196	193626	43.008 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	212783	44.984 ng	97
46) 1,1'-Biphenyl	13.39	154	586457	41.665 ng	99
47) 2-Chloronaphthalene	13.44	162	467832	39.201 ng	99
48) 2-Nitroaniline	13.64	65	136367	41.151 ng	99
49) Acenaphthylene	14.28	152	751194	41.496 ng	100
50) Dimethylphthalate	14.02	163	762007	48.686 ng	100
51) 2,6-Dinitrotoluene	14.13	165	146718	42.525 ng	99
52) Acenaphthene	14.62	154	457542	40.786 ng	99
53) 3-Nitroaniline	14.46	138	94426	25.266 ng	99
54) 2,4-Dinitrophenol	14.68	184	163313	81.094 ng	96
55) Dibenzofuran	14.96	168	750307	41.676 ng	99
56) 4-Nitrophenol	14.79	139	247758	90.080 ng	97
57) 2,4-Dinitrotoluene	14.92	165	209503	42.586 ng	99
58) Fluorene	15.61	166	637458	42.188 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	201975	43.971 ng	98
60) Diethylphthalate	15.38	149	640016	41.940 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	341720	41.064 ng	97
62) 4-Nitroaniline	15.63	138	150892	38.265 ng	95
63) Azobenzene	15.89	77	536905	43.253 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	136437	48.150 ng	97
66) n-Nitrosodiphenylamine	15.82	169	579183	42.884 ng	100
67) 4-Bromophenyl-phenylether	16.49	248	243362	41.667 ng	98
68) Hexachlorobenzene	16.62	284	254830	39.396 ng	98
69) Atrazine	16.76	200	186288	33.811 ng	99
70) Pentachlorophenol	16.96	266	295275	87.369 ng	99
71) Phenanthrene	17.34	178	1044864	41.177 ng	100
72) Anthracene	17.44	178	1071805	42.811 ng	99
73) Carbazole	17.70	167	974984	41.247 ng	100
74) Di-n-butylphthalate	18.27	149	1104403	40.631 ng	99
75) Fluoranthene	19.35	202	1296952	39.717 ng	100
77) Benzidine	19.53	184	533419	47.225 ng	99
78) Pyrene	19.72	202	1289351	41.654 ng	100
80) Butylbenzylphthalate	20.60	149	494807	40.982 ng	95
81) Benzo(a)anthracene	21.53	228	1241803	40.986 ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	301734	26.836 ng	99
83) Chrysene	21.60	228	1199604	41.161 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	722117	43.827 ng	99
85) Di-n-octyl phthalate	22.62	149	1207323	42.794 ng	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1491391	41.587 ng	100
88) Benzo(b)fluoranthene	23.68	252	1276775	40.952 ng	98
89) Benzo(k)fluoranthene	23.74	252	1254948	41.649 ng	99
90) Benzo(a)pyrene	24.51	252	1171856	40.276 ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1224034	42.297 ng	99
92) Benzo(g,h,i)perylene	29.27	276	1245447	43.097 ng	99

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

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