Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090820\
Data File : BG046556.D
Acq On : 8 Sep 2020 13:54
Operator : CG/JU
Sample : L3919-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-11MS

Manual Integrations APPROVED
Sohil
9/9/2020 3:48:57 PM

Quant Time: Sep 08 14:35:19 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	64462	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	273134	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	200890	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	506618	20.00	ng		0.00
76) Chrysene-d12	21.55	240	488085	20.00	ng		0.00
86) Perylene-d12	24.65	264	500582	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	461980	126.94	ng		0.00
7) Phenol-d6	7.10	99	620111	120.19	ng		0.00
23) Nitrobenzene-d5	9.08	82	401337	83.98	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	325322	119.52	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1049986	79.79	ng		0.00
79) Terphenyl-d14	19.92	244	1662668	72.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	53242	35.163	ng		97
3) Pyridine	3.81	79	156427	35.310	ng		97
4) n-Nitrosodimethylamine	3.72	42	71294	43.633	ng		99
6) Aniline	7.25	93	185977	32.033	ng		99
8) 2-Chlorophenol	7.50	128	181208	47.109	ng		99
9) Benzaldehyde	7.06	77	99436	34.400	ng		95
10) Phenol	7.13	94	226700	47.706	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	161234	42.211	ng		99
12) 1,3-Dichlorobenzene	7.82	146	199601	40.871	ng		97
13) 1,4-Dichlorobenzene	7.96	146	202716	41.462	ng		99
14) 1,2-Dichlorobenzene	8.28	146	199369	42.527	ng		99
15) Benzyl Alcohol	8.17	79	162756	49.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	250950	42.356	ng		99
17) 2-Methylphenol	8.38	107	163361	48.474	ng		97
18) Hexachloroethane	9.01	117	67062	40.453	ng		94
19) n-Nitroso-di-n-propylamine	8.73	70	138553	44.895	ng		96
20) 3+4-Methylphenols	8.70	107	223579	48.065	ng		98
22) Acetophenone	8.75	105	261237	39.292	ng	#	99
24) Nitrobenzene	9.12	77	194894	41.281	ng		97
25) Isophorone	9.65	82	379598	43.326	ng		99
26) 2-Nitrophenol	9.83	139	108969	43.746	ng		93
27) 2,4-Dimethylphenol	9.91	122	180879	52.796	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	230638	40.899	ng		99
29) 2,4-Dichlorophenol	10.38	162	208925	45.745	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	210627	38.869	ng		98
31) Naphthalene	10.77	128	553913	41.535	ng		99
32) Benzoic acid	10.06	122	96044	40.165	ng		97
33) 4-Chloroaniline	10.88	127	138794	23.602	ng		98
34) Hexachlorobutadiene	11.07	225	135149	38.419	ng		100
35) Caprolactam	11.66	113	78544m	46.007	ng		
36) 4-Chloro-3-methylphenol	12.01	107	216423	48.450	ng		94
37) 2-Methylnaphthalene	12.38	142	446869	42.487	ng		99
38) 1-Methylnaphthalene	12.60	142	418463	42.002	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	267535	40.385	ng		99

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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)
41) Hexachlorocyclopentadiene	12.74	237	288085	100.011 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	195913	43.824 ng	97
44) 2,4,5-Trichlorophenol	13.07	196	213430	45.440 ng	97
46) 1,1'-Biphenyl	13.39	154	587642	42.044 ng	99
47) 2-Chloronaphthalene	13.44	162	469896	39.652 ng	97
48) 2-Nitroaniline	13.64	65	138418	42.065 ng	99
49) Acenaphthylene	14.28	152	754621	41.979 ng	99
50) Dimethylphthalate	14.02	163	768391	49.440 ng	99
51) 2,6-Dinitrotoluene	14.13	165	147522	43.060 ng	98
52) Acenaphthene	14.62	154	458424	41.153 ng	98
53) 3-Nitroaniline	14.46	138	99172	26.724 ng	96
54) 2,4-Dinitrophenol	14.68	184	154450	77.234 ng	98
55) Dibenzofuran	14.96	168	750950	42.007 ng	99
56) 4-Nitrophenol	14.79	139	249509	91.357 ng	98
57) 2,4-Dinitrotoluene	14.92	165	212738	43.549 ng	98
58) Fluorene	15.61	166	639404	42.615 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	207042	45.393 ng	98
60) Diethylphthalate	15.38	149	640403	42.262 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	345684	41.833 ng	97
62) 4-Nitroaniline	15.63	138	153273	39.143 ng	96
63) Azobenzene	15.89	77	533901	43.314 ng	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	133294	46.485 ng	96
66) n-Nitrosodiphenylamine	15.82	169	585623	42.848 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	243265	41.158 ng	96
68) Hexachlorobenzene	16.62	284	257108	39.278 ng	98
69) Atrazine	16.76	200	188320	33.775 ng	100
70) Pentachlorophenol	16.96	266	298743	87.350 ng	99
71) Phenanthrene	17.35	178	1049323	40.863 ng	99
72) Anthracene	17.44	178	1078527	42.570 ng	99
73) Carbazole	17.70	167	982321	41.065 ng	100
74) Di-n-butylphthalate	18.27	149	1122736	40.817 ng	100
75) Fluoranthene	19.36	202	1301547	39.386 ng	99
77) Benzidine	19.54	184	552649	48.728 ng	99
78) Pyrene	19.72	202	1297467	41.745 ng	100
80) Butylbenzylphthalate	20.60	149	496433	40.949 ng	96
81) Benzo(a)anthracene	21.53	228	1238517	40.711 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	308279	27.306 ng	99
83) Chrysene	21.60	228	1207772	41.272 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	723972	43.760 ng	100
85) Di-n-octyl phthalate	22.62	149	1214205	42.862 ng	99
87) Indeno(1,2,3-cd)pyrene	28.17	276	1498722	41.686 ng	100
88) Benzo(b)fluoranthene	23.68	252	1294499	41.415 ng	98
89) Benzo(k)fluoranthene	23.74	252	1257747	41.636 ng	99
90) Benzo(a)pyrene	24.51	252	1182387	40.535 ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1234515	42.551 ng	98
92) Benzo(g,h,i)perylene	29.26	276	1252307	43.225 ng	98

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

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