Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
Data File : BG046481.D
Acq On : 31 Aug 2020 23:13
Operator : CG/JU
Sample : L3847-25MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LINDEN-JOP-BH-12-AMS

Manual Integrations APPROVED
mohammad
9/1/2020 10:47:54 AM

Quant Time: Sep 01 05:01:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82457	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	346106	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	238262	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	536768	20.00	ng		0.00
76) Chrysene-d12	21.56	240	489436	20.00	ng		0.00
86) Perylene-d12	24.66	264	523427	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	456672	98.09	ng		0.00
7) Phenol-d6	7.11	99	617443	93.56	ng		0.00
23) Nitrobenzene-d5	9.09	82	411004	67.87	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	279273	86.51	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1066092	68.31	ng		0.00
79) Terphenyl-d14	19.92	244	1441676	62.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	55148	28.473	ng		95
3) Pyridine	3.81	79	137982	24.349	ng		99
4) n-Nitrosodimethylamine	3.72	42	74283	35.541	ng	#	98
6) Aniline	7.25	93	123911	16.685	ng		98
8) 2-Chlorophenol	7.50	128	213844	43.461	ng		98
9) Benzaldehyde	7.07	77	122116	33.026	ng		93
10) Phenol	7.13	94	262973	43.262	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	190632	39.016	ng		100
12) 1,3-Dichlorobenzene	7.82	146	238397	38.162	ng		98
13) 1,4-Dichlorobenzene	7.97	146	237431	37.964	ng		99
14) 1,2-Dichlorobenzene	8.29	146	234468	39.099	ng		99
15) Benzyl Alcohol	8.17	79	177543	41.902	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	288856	38.114	ng		99
17) 2-Methylphenol	8.38	107	186281	43.212	ng		100
18) Hexachloroethane	9.02	117	81909	38.627	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	151359	38.342	ng		97
20) 3+4-Methylphenols	8.71	107	254824	42.826	ng		96
22) Acetophenone	8.75	105	300808	35.705	ng	#	99
24) Nitrobenzene	9.13	77	225420	37.680	ng		100
25) Isophorone	9.65	82	423567	38.152	ng		99
26) 2-Nitrophenol	9.84	139	126993	40.233	ng		96
27) 2,4-Dimethylphenol	9.91	122	203239	46.815	ng		96
28) bis(2-Chloroethoxy)methane	10.13	93	259778	36.354	ng		99
29) 2,4-Dichlorophenol	10.38	162	241002	41.643	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	261943	38.147	ng		99
31) Naphthalene	10.78	128	671927	39.761	ng		99
32) Benzoic acid	10.06	122	122155	40.274	ng		96
33) 4-Chloroaniline	10.89	127	96905	13.004	ng		99
34) Hexachlorobutadiene	11.07	225	164411	36.884	ng		99
35) Caprolactam	11.66	113	78275m	36.183	ng		
36) 4-Chloro-3-methylphenol	12.02	107	233477	41.247	ng		96
37) 2-Methylnaphthalene	12.39	142	528058	39.621	ng		98
38) 1-Methylnaphthalene	12.61	142	504766	39.983	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	323201	41.135	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	210459	61.602 ng	98
43) 2,4,6-Trichlorophenol	13.00	196	219090	41.321 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	234129	42.028 ng	99
46) 1,1'-Biphenyl	13.39	154	687592	41.479 ng	100
47) 2-Chloronaphthalene	13.44	162	537070	38.212 ng	99
48) 2-Nitroaniline	13.64	65	145821	37.364 ng	99
49) Acenaphthylene	14.29	152	899606	42.195 ng	99
50) Dimethylphthalate	14.02	163	865148	46.934 ng	100
51) 2,6-Dinitrotoluene	14.13	165	154324	37.980 ng	99
52) Acenaphthene	14.63	154	524505	39.700 ng	99
53) 3-Nitroaniline	14.46	138	101015	22.951 ng	98
54) 2,4-Dinitrophenol	14.68	184	99793	42.075 ng	98
55) Dibenzofuran	14.96	168	836297	39.443 ng	100
56) 4-Nitrophenol	14.79	139	258264	79.730 ng	98
57) 2,4-Dinitrotoluene	14.93	165	215685	37.227 ng	99
58) Fluorene	15.61	166	683218	38.393 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	216815	40.079 ng	99
60) Diethylphthalate	15.39	149	648578	36.088 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	372339	37.991 ng	99
62) 4-Nitroaniline	15.63	138	122298	26.334 ng	99
63) Azobenzene	15.90	77	563442	38.541 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	84190	27.711 ng	98
66) n-Nitrosodiphenylamine	15.82	169	604387	41.737 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	257077	41.051 ng	97
68) Hexachlorobenzene	16.63	284	266852	38.476 ng	97
69) Atrazine	16.77	200	214195	36.258 ng	100
70) Pentachlorophenol	16.97	266	328749	90.724 ng	98
71) Phenanthrene	17.35	178	1360776	50.015 ng	98
72) Anthracene	17.44	178	1168114	43.516 ng	98
73) Carbazole	17.71	167	982715	38.774 ng	100
74) Di-n-butylphthalate	18.27	149	1064068	36.511 ng	100
75) Fluoranthene	19.36	202	2046136	58.440 ng	96
77) Benzidine	19.54	184	492658	43.318 ng	99
78) Pyrene	19.72	202	1997979	64.106 ng	94
80) Butylbenzylphthalate	20.61	149	464789	38.233 ng	96
81) Benzo(a)anthracene	21.54	228	1669680	54.732 ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	284291	25.112 ng	99
83) Chrysene	21.61	228	1537756	52.403 ng	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	653557	39.394 ng	97
85) Di-n-octyl phthalate	22.63	149	1130558	39.799 ng	99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1769386	47.066 ng	99
88) Benzo(b)fluoranthene	23.69	252	1790949	54.797 ng	98
89) Benzo(k)fluoranthene	23.75	252	1411291	44.679 ng	97
90) Benzo(a)pyrene	24.52	252	1586253	52.007 ng	99
91) Dibenzo(a,h)anthracene	28.25	278	1227597	40.465 ng	98
92) Benzo(g,h,i)perylene	29.29	276	1526853	50.401 ng	99

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

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