Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
Data File : BG046649.D
Acq On : 16 Sep 2020 20:42
Operator : CG/JU
Sample : L3868-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-091520MS

Manual Integrations APPROVED
mohammad
9/18/2020 11:27:34 AM

Quant Time: Sep 17 00:57:59 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 16 11:07:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	67486	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	270618	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	191042	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	442669	20.00	ng		0.00
76) Chrysene-d12	21.55	240	443694	20.00	ng		0.00
86) Perylene-d12	24.64	264	455121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	457500	120.07	ng		0.00
7) Phenol-d6	7.10	99	561789	104.01	ng		0.00
23) Nitrobenzene-d5	9.08	82	434133	91.69	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	313825	121.24	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1100727	87.96	ng		0.00
79) Terphenyl-d14	19.91	244	1721109	82.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	61091	38.539	ng	#	46
3) Pyridine	3.82	79	160448	34.594	ng		99
4) n-Nitrosodimethylamine	3.73	42	77814	45.490	ng		99
6) Aniline	7.24	93	101168	16.645	ng		97
8) 2-Chlorophenol	7.49	128	204993	50.904	ng		97
9) Benzaldehyde	7.06	77	87107	28.784	ng		95
10) Phenol	7.13	94	217369	43.693	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	188532	47.146	ng		97
12) 1,3-Dichlorobenzene	7.81	146	211961	41.457	ng		97
13) 1,4-Dichlorobenzene	7.96	146	214085	41.825	ng		99
14) 1,2-Dichlorobenzene	8.27	146	212378	43.272	ng		98
15) Benzyl Alcohol	8.16	79	180142	51.947	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	283027	45.629	ng		98
17) 2-Methylphenol	8.37	107	175617	49.775	ng		99
18) Hexachloroethane	9.00	117	71423	41.154	ng		99
19) n-Nitroso-di-n-propylamine	8.73	70	155834	48.232	ng		99
20) 3+4-Methylphenols	8.70	107	240085	49.300	ng		100
22) Acetophenone	8.74	105	302215	45.878	ng		98
24) Nitrobenzene	9.12	77	226529	48.427	ng		97
25) Isophorone	9.64	82	430435	49.586	ng		99
26) 2-Nitrophenol	9.83	139	122604	49.678	ng		98
27) 2,4-Dimethylphenol	9.90	122	197171	58.086	ng		98
28) bis(2-Chloroethoxy)methane	10.12	93	263069	47.084	ng		99
29) 2,4-Dichlorophenol	10.37	162	231368	51.130	ng		97
30) 1,2,4-Trichlorobenzene	10.58	180	237857	44.302	ng		99
31) Naphthalene	10.77	128	618895	46.839	ng		99
32) Benzoic acid	10.06	122	52027	25.806	ng		97
33) 4-Chloroaniline	10.89	127	29351	5.038	ng	#	96
34) Hexachlorobutadiene	11.06	225	146241	41.959	ng		96
35) Caprolactam	11.65	113	58773m	34.746	ng		
36) 4-Chloro-3-methylphenol	12.01	107	230262	52.027	ng		99
37) 2-Methylnaphthalene	12.37	142	500544	48.032	ng		99
38) 1-Methylnaphthalene	12.60	142	474210	48.040	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	306337	48.626	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	243278	88.809 ng	100
43) 2,4,6-Trichlorophenol	12.99	196	208432	49.027 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	221158	49.512 ng	98
46) 1,1'-Biphenyl	13.38	154	658748	49.561 ng	100
47) 2-Chloronaphthalene	13.43	162	524689	46.558 ng	100
48) 2-Nitroaniline	13.63	65	145690	46.557 ng	98
49) Acenaphthylene	14.28	152	828530	48.467 ng	99
50) Dimethylphthalate	14.01	163	669892	45.324 ng	100
51) 2,6-Dinitrotoluene	14.12	165	156720	48.103 ng	98
52) Acenaphthene	14.62	154	506392	47.803 ng	100
53) 3-Nitroaniline	14.46	138	66015	18.706 ng	93
54) 2,4-Dinitrophenol	14.67	184	126022	66.267 ng	92
55) Dibenzofuran	14.95	168	818282	48.132 ng	99
56) 4-Nitrophenol	14.78	139	215389	82.929 ng	97
57) 2,4-Dinitrotoluene	14.92	165	222485	47.892 ng	97
58) Fluorene	15.60	166	680810	47.714 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	205874	47.463 ng	98
60) Diethylphthalate	15.38	149	658249	45.679 ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	362826	46.171 ng	99
62) 4-Nitroaniline	15.62	138	147647	39.650 ng	99
63) Azobenzene	15.89	77	573123	48.893 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	118931	47.467 ng	98
66) n-Nitrosodiphenylamine	15.81	169	608744	50.974 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	254821	49.341 ng	100
68) Hexachlorobenzene	16.62	284	271190	47.414 ng	100
69) Atrazine	16.76	200	191463	39.300 ng	99
70) Pentachlorophenol	16.96	266	274452	91.840 ng	98
71) Phenanthrene	17.34	178	1095092	48.806 ng	99
72) Anthracene	17.43	178	1113137	50.283 ng	99
73) Carbazole	17.70	167	1025231	49.051 ng	98
74) Di-n-butylphthalate	18.26	149	1128242	46.943 ng	99
75) Fluoranthene	19.35	202	1356934	46.994 ng	98
77) Benzidine	19.53	184	110213	10.690 ng	96
78) Pyrene	19.71	202	1362655	48.229 ng	98
80) Butylbenzylphthalate	20.60	149	524606	47.602 ng	97
81) Benzo(a)anthracene	21.53	228	1310133	47.374 ng	98
82) 3,3'-Dichlorobenzidine	21.44	252	213747	20.827 ng	99
83) Chrysene	21.59	228	1273409	47.869 ng	97
84) Bis(2-ethylhexyl)phthalate	21.45	149	742262	49.354 ng	99
85) Di-n-octyl phthalate	22.61	149	1281192	49.751 ng	100
87) Indeno(1,2,3-cd)pyrene	28.16	276	1619672	49.550 ng	99
88) Benzo(b)fluoranthene	23.67	252	1374004	48.349 ng	99
89) Benzo(k)fluoranthene	23.73	252	1341246	48.835 ng	99
90) Benzo(a)pyrene	24.50	252	1255760	47.351 ng	99
91) Dibenzo(a,h)anthracene	28.21	278	1321492	50.098 ng	99
92) Benzo(g,h,i)perylene	29.25	276	1355909	51.476 ng	98

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

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