Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
Data File : BG046591.D
Acq On : 10 Sep 2020 21:13
Operator : CG/JU
Sample : L3870-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-090820MSD

Manual Integrations APPROVED
mohammad
9/11/2020 11:47:55 AM

Quant Time: Sep 11 01:15:48 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	77127	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	308057	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	212160	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	499163	20.00	ng		0.00
76) Chrysene-d12	21.55	240	482633	20.00	ng		0.00
86) Perylene-d12	24.65	264	496232	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	510062	117.13	ng		0.00
7) Phenol-d6	7.11	99	625088	101.26	ng		0.00
23) Nitrobenzene-d5	9.09	82	464153	86.12	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	330319	114.91	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1156525	83.22	ng		0.00
79) Terphenyl-d14	19.92	244	1808573	79.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	70364	38.840	ng	#	48
3) Pyridine	3.83	79	202680	38.237	ng		99
4) n-Nitrosodimethylamine	3.73	42	92401	47.265	ng		97
6) Aniline	7.25	93	197912	28.491	ng		99
8) 2-Chlorophenol	7.50	128	240567	52.270	ng		99
9) Benzaldehyde	7.07	77	103412	29.901	ng		99
10) Phenol	7.13	94	259309	45.608	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	223414	48.885	ng		99
12) 1,3-Dichlorobenzene	7.82	146	258130	44.176	ng		98
13) 1,4-Dichlorobenzene	7.96	146	260785	44.580	ng		99
14) 1,2-Dichlorobenzene	8.28	146	256412	45.713	ng		99
15) Benzyl Alcohol	8.17	79	215147	54.286	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	333815	47.090	ng		100
17) 2-Methylphenol	8.38	107	206105	51.114	ng		98
18) Hexachloroethane	9.01	117	89256	45.000	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	183320	49.647	ng		99
20) 3+4-Methylphenols	8.70	107	280294	50.362	ng		98
22) Acetophenone	8.75	105	352770	47.044	ng	#	98
24) Nitrobenzene	9.13	77	261317	49.075	ng		96
25) Isophorone	9.65	82	510967	51.709	ng		99
26) 2-Nitrophenol	9.84	139	144646	51.486	ng		96
27) 2,4-Dimethylphenol	9.90	122	230398	59.626	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	311189	48.927	ng		99
29) 2,4-Dichlorophenol	10.38	162	267554	51.941	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	278638	45.590	ng		99
31) Naphthalene	10.77	128	725115	48.208	ng		100
32) Benzoic acid	10.03	122	11329	9.049	ng		93
33) 4-Chloroaniline	10.89	127	45263	6.824	ng		97
34) Hexachlorobutadiene	11.07	225	178813	45.069	ng		99
35) Caprolactam	11.66	113	74482m	38.682	ng		
36) 4-Chloro-3-methylphenol	12.02	107	259296	51.467	ng		97
37) 2-Methylnaphthalene	12.38	142	569254	47.987	ng		99
38) 1-Methylnaphthalene	12.60	142	541949	48.230	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	338541	48.389	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	314627	103.423	ng		98
43) 2,4,6-Trichlorophenol	12.99	196	237194	50.239	ng		99
44) 2,4,5-Trichlorophenol	13.07	196	251289	50.658	ng		97
46) 1,1'-Biphenyl	13.39	154	743832	50.392	ng		99
47) 2-Chloronaphthalene	13.43	162	589027	47.065	ng		99
48) 2-Nitroaniline	13.63	65	163118	46.938	ng		99
49) Acenaphthylene	14.28	152	919536	48.436	ng		99
50) Dimethylphthalate	14.02	163	771304	46.991	ng		99
51) 2,6-Dinitrotoluene	14.13	165	180174	49.797	ng		97
52) Acenaphthene	14.62	154	564802	48.009	ng		99
53) 3-Nitroaniline	14.46	138	97514	24.881	ng		97
54) 2,4-Dinitrophenol	14.67	184	82757	39.185	ng		98
55) Dibenzofuran	14.96	168	906939	48.037	ng		98
56) 4-Nitrophenol	14.79	139	247569	85.831	ng		98
57) 2,4-Dinitrotoluene	14.92	165	250957	48.644	ng	#	98
58) Fluorene	15.61	166	764567	48.250	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	240056	49.835	ng		98
60) Diethylphthalate	15.38	149	753022	47.054	ng		99
61) 4-Chlorophenyl-phenylether	15.60	204	415341	47.593	ng		96
62) 4-Nitroaniline	15.63	138	169876	41.079	ng		99
63) Azobenzene	15.89	77	639328	49.112	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	98834	34.982	ng		98
66) n-Nitrosodiphenylamine	15.81	169	686233	50.959	ng		100
67) 4-Bromophenyl-phenylether	16.50	248	288650	49.565	ng		99
68) Hexachlorobenzene	16.62	284	303409	47.043	ng		98
69) Atrazine	16.77	200	215052	39.146	ng		99
70) Pentachlorophenol	16.96	266	296248	87.914	ng		98
71) Phenanthrene	17.35	178	1213333	47.956	ng		99
72) Anthracene	17.44	178	1240273	49.685	ng		98
73) Carbazole	17.71	167	1124377	47.706	ng		99
74) Di-n-butylphthalate	18.27	149	1272165	46.940	ng		99
75) Fluoranthene	19.36	202	1497031	45.978	ng		100
77) Benzidine	19.53	184	231762	20.666	ng		99
78) Pyrene	19.72	202	1492790	48.572	ng		99
80) Butylbenzylphthalate	20.60	149	577413	48.167	ng		97
81) Benzo(a)anthracene	21.53	228	1430968	47.568	ng		99
82) 3,3'-Dichlorobenzidine	21.45	252	327489	29.335	ng		100
83) Chrysene	21.60	228	1385613	47.884	ng		99
84) Bis(2-ethylhexyl)phthalate	21.45	149	813905	49.751	ng		99
85) Di-n-octyl phthalate	22.62	149	1400969	50.013	ng		100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1773770	49.768	ng		100
88) Benzo(b)fluoranthene	23.68	252	1528194	49.320	ng		97
89) Benzo(k)fluoranthene	23.74	252	1488933	49.721	ng		99
90) Benzo(a)pyrene	24.50	252	1388774	48.028	ng		100
91) Dibenzo(a,h)anthracene	28.22	278	1450729	50.441	ng		99
92) Benzo(g,h,i)perylene	29.27	276	1466939	51.077	ng		98

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

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