Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
Data File : BG044402.D
Acq On : 11 Feb 2020 23:49
Operator : CG/JU
Sample : L1438-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HAM-WC-S-SB-BCMSD

Manual Integrations APPROVED
mohammad
2/13/2020 3:32:50 PM

Quant Time: Feb 12 03:44:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	73755	20.00	ng		0.00
21) Naphthalene-d8	10.70	136	311948	20.00	ng		0.00
39) Acenaphthene-d10	14.54	164	213714	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	499901	20.00	ng		0.00
76) Chrysene-d12	21.54	240	468587	20.00	ng		0.00
87) Perylene-d12	24.62	264	498512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	623364	149.16	ng		0.00
7) Phenol-d6	7.08	99	778037	138.64	ng		0.00
23) Nitrobenzene-d5	9.06	82	530278	95.97	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	386658	154.12	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	1212116	94.98	ng		0.00
79) Terphenyl-d14	19.90	244	1973615	86.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	78150	41.621	ng	#	56
3) Pyridine	3.78	79	185161	37.014	ng		99
4) n-Nitrosodimethylamine	3.68	42	101045	48.338	ng		98
6) Aniline	7.22	93	150178	21.559	ng		99
8) 2-Chlorophenol	7.47	128	259423	56.482	ng		98
9) Benzaldehyde	7.04	77	94099	29.441	ng		98
10) Phenol	7.11	94	287230	51.716	ng		98
11) bis(2-Chloroethyl)ether	7.32	93	236081	49.720	ng		98
12) 1,3-Dichlorobenzene	7.79	146	260602	47.522	ng		97
13) 1,4-Dichlorobenzene	7.94	146	262337	48.300	ng		99
14) 1,2-Dichlorobenzene	8.26	146	248725	48.449	ng		100
15) Benzyl Alcohol	8.14	79	213288	53.683	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	310825	48.365	ng		100
17) 2-Methylphenol	8.35	107	213376	53.847	ng		98
18) Hexachloroethane	8.99	117	95734	46.971	ng		99
19) n-Nitroso-di-n-propylamine	8.71	70	189295	50.612	ng		99
20) 3+4-Methylphenols	8.68	107	293589	53.760	ng		100
22) Acetophenone	8.72	105	359751	47.406	ng	#	98
24) Nitrobenzene	9.10	77	268432	49.763	ng		100
25) Isophorone	9.63	82	530855	51.545	ng		99
26) 2-Nitrophenol	9.82	139	145867	52.114	ng		98
27) 2,4-Dimethylphenol	9.89	122	249543	63.158	ng		99
28) bis(2-Chloroethoxy)methane	10.11	93	331474	48.248	ng		98
29) 2,4-Dichlorophenol	10.36	162	258379	54.082	ng		98
30) 1,2,4-Trichlorobenzene	10.57	180	257237	46.957	ng		99
31) Naphthalene	10.76	128	758934	50.145	ng		100
32) Benzoic acid	10.04	122	83063	36.665	ng		92
33) 4-Chloroaniline	10.87	127	29923	4.347	ng		99
34) Hexachlorobutadiene	11.05	225	151765	45.023	ng		98
35) Caprolactam	11.63	113	86699m	49.539	ng		
36) 4-Chloro-3-methylphenol	12.00	107	277747	55.449	ng		100
37) 2-Methylnaphthalene	12.37	142	573441	51.031	ng		99
38) 1-Methylnaphthalene	12.58	142	546244	51.560	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	287568	44.982	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	251506	81.991 ng	100
43) 2,4,6-Trichlorophenol	12.98	196	212616	51.453 ng	99
44) 2,4,5-Trichlorophenol	13.05	196	233379	55.295 ng	99
46) 1,1'-Biphenyl	13.38	154	738506	47.907 ng	100
47) 2-Chloronaphthalene	13.42	162	578574	47.166 ng	100
48) 2-Nitroaniline	13.62	65	178410	49.282 ng	99
49) Acenaphthylene	14.26	152	924666	51.393 ng	100
50) Dimethylphthalate	14.00	163	788593	51.333 ng	99
51) 2,6-Dinitrotoluene	14.12	165	176462	51.517 ng	99
52) Acenaphthene	14.61	154	580409	49.769 ng	99
53) 3-Nitroaniline	14.45	138	63947	16.874 ng	100
54) 2,4-Dinitrophenol	14.66	184	126837	64.161 ng	97
55) Dibenzofuran	14.94	168	895410	50.712 ng	99
56) 4-Nitrophenol	14.77	139	302210	108.870 ng	100
57) 2,4-Dinitrotoluene	14.90	165	248457	51.753 ng	98
58) Fluorene	15.59	166	714216	51.357 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	211942	55.594 ng	98
60) Diethylphthalate	15.37	149	781105	51.028 ng	98
61) 4-Chlorophenyl-phenylether	15.58	204	379437	50.320 ng	100
62) 4-Nitroaniline	15.61	138	180509	47.670 ng	98
63) Azobenzene	15.88	77	704101	52.482 ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	128291	46.492 ng	98
66) n-Nitrosodiphenylamine	15.80	169	682638	48.727 ng	99
67) 4-Bromophenyl-phenylether	16.48	248	254970	46.815 ng	97
68) Hexachlorobenzene	16.60	284	280064	45.899 ng	98
69) Atrazine	16.75	200	267832	55.778 ng	98
70) Pentachlorophenol	16.95	266	293117	94.407 ng	98
71) Phenanthrene	17.33	178	1174812	48.532 ng	99
72) Anthracene	17.42	178	1220437	50.995 ng	99
73) Carbazole	17.69	167	1105631	50.113 ng	99
74) Di-n-butylphthalate	18.26	149	1347722	49.431 ng	100
75) Fluoranthene	19.34	202	1401015	50.031 ng	99
77) Benzidine	19.52	184	356877	27.457 ng	98
78) Pyrene	19.70	202	1400465	46.538 ng	99
80) Butylbenzylphthalate	20.59	149	624065	45.507 ng	97
81) Benzo(a)anthracene	21.51	228	1351381	46.794 ng	100
82) 3,3'-Dichlorobenzidine	21.43	252	209446	18.686 ng	98
83) Chrysene	21.58	228	1277809	45.775 ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	879897	46.615 ng	99
85) Di-n-octyl phthalate	22.60	149	1538169	47.098 ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1687219	46.328 ng	100
88) Benzo(b)fluoranthene	23.65	252	1405900	48.942 ng	100
89) Benzo(k)fluoranthene	23.71	252	1421896	50.787 ng	100
90) Benzo(a)pyrene	24.47	252	1332491	49.061 ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1380009	51.341 ng	99
92) Benzo(g,h,i)perylene	29.21	276	1415123	52.591 ng	98

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

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