Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044028.D
Acq On : 14 Jan 2020 1:35
Operator : JU
Sample : L1103-09MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-MW-19(3-5)MSD

Manual Integrations APPROVED
mohammad
1/14/2020 12:25:10 PM

Quant Time: Jan 14 10:45:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	118211	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	482347	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	308220	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	653451	20.00	ng		-0.01
76) Chrysene-d12	21.58	240	573567	20.00	ng		0.00
87) Perylene-d12	24.74	264	641509	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	897709	139.44	ng		-0.01
7) Phenol-d6	7.12	99	1238104	137.58	ng		0.00
23) Nitrobenzene-d5	9.10	82	720151	79.87	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	457049	141.70	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1514925	89.05	ng		-0.02
79) Terphenyl-d14	19.94	244	2199752	95.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	125821	44.822	ng		96
3) Pyridine	3.81	79	313311	37.781	ng		95
4) n-Nitrosodimethylamine	3.72	42	165090	44.715	ng		99
6) Aniline	7.27	93	287179	24.296	ng		98
8) 2-Chlorophenol	7.52	128	393566	52.072	ng		98
9) Benzaldehyde	7.08	77	220260m	38.241	ng		
10) Phenol	7.15	94	515574	55.605	ng		98
11) bis(2-Chloroethyl)ether	7.36	93	376378	47.026	ng		98
12) 1,3-Dichlorobenzene	7.84	146	421405	47.645	ng		97
13) 1,4-Dichlorobenzene	7.98	146	416551	47.732	ng		99
14) 1,2-Dichlorobenzene	8.30	146	395588	47.227	ng		99
15) Benzyl Alcohol	8.18	79	339197	47.758	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	506527	40.906	ng		100
17) 2-Methylphenol	8.39	107	342699	51.074	ng		98
18) Hexachloroethane	9.03	117	159081	46.848	ng		96
19) n-Nitroso-di-n-propylamine	8.75	70	292054	43.578	ng		96
20) 3+4-Methylphenols	8.72	107	465535	49.734	ng		99
22) Acetophenone	8.77	105	544108	45.374	ng	#	98
24) Nitrobenzene	9.14	77	416242	46.611	ng		97
25) Isophorone	9.67	82	779407	46.075	ng		97
26) 2-Nitrophenol	9.86	139	226379	53.581	ng		98
27) 2,4-Dimethylphenol	9.93	122	375729	59.078	ng		97
28) bis(2-Chloroethoxy)methane	10.15	93	495335	43.922	ng		98
29) 2,4-Dichlorophenol	10.40	162	390325	51.451	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	394966	46.433	ng		98
31) Naphthalene	10.80	128	1143554	48.992	ng		99
32) Benzoic acid	10.07	122	219486	43.111	ng		93
33) 4-Chloroaniline	10.90	127	99818	8.966	ng		98
34) Hexachlorobutadiene	11.10	225	232140	44.699	ng		98
35) Caprolactam	11.68	113	148211m	52.480	ng		
36) 4-Chloro-3-methylphenol	12.04	107	411772	50.987	ng		99
37) 2-Methylnaphthalene	12.41	142	851161	48.436	ng		97
38) 1-Methylnaphthalene	12.62	142	809414	48.599	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	405691	44.907	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	518874	110.787 ng	98
43) 2,4,6-Trichlorophenol	13.02	196	308272	49.593 ng	98
44) 2,4,5-Trichlorophenol	13.09	196	332069	51.796 ng	99
46) 1,1'-Biphenyl	13.42	154	1051953	47.602 ng	99
47) 2-Chloronaphthalene	13.46	162	829244	46.437 ng	99
48) 2-Nitroaniline	13.65	65	257430	44.816 ng	96
49) Acenaphthylene	14.30	152	1301420	50.705 ng	99
50) Dimethylphthalate	14.04	163	1194148	54.565 ng	100
51) 2,6-Dinitrotoluene	14.15	165	245175	49.565 ng	94
52) Acenaphthene	14.64	154	837294	46.518 ng	98
53) 3-Nitroaniline	14.47	138	115555	20.572 ng	96
54) 2,4-Dinitrophenol	14.68	184	267247	104.265 ng	96
55) Dibenzofuran	14.98	168	1228119	49.564 ng	99
56) 4-Nitrophenol	14.80	139	465514	108.147 ng	93
57) 2,4-Dinitrotoluene	14.94	165	340017	50.518 ng	99
58) Fluorene	15.63	166	974794	49.635 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	291916	52.952 ng	96
60) Diethylphthalate	15.40	149	1065549	48.679 ng	99
61) 4-Chlorophenyl-phenylether	15.62	204	507581	47.597 ng	99
62) 4-Nitroaniline	15.64	138	247835	44.679 ng	94
63) Azobenzene	15.91	77	982901	48.419 ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	200084	58.384 ng	98
66) n-Nitrosodiphenylamine	15.84	169	921407	47.882 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	329227	44.797 ng	100
68) Hexachlorobenzene	16.64	284	360494	45.522 ng	99
69) Atrazine	16.78	200	354386	56.656 ng	99
70) Pentachlorophenol	16.98	266	440972	101.015 ng	99
71) Phenanthrene	17.36	178	1537530	49.055 ng	100
72) Anthracene	17.45	178	1583370	51.117 ng	100
73) Carbazole	17.72	167	1454861	50.847 ng	98
74) Di-n-butylphthalate	18.29	149	1771667	48.497 ng	98
75) Fluoranthene	19.37	202	1760561	49.116 ng	100
77) Benzidine	19.55	184	684411	47.473 ng	98
78) Pyrene	19.73	202	1773226	47.363 ng	99
80) Butylbenzylphthalate	20.63	149	850067	47.691 ng	97
81) Benzo(a)anthracene	21.55	228	1714405	48.205 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	354574	25.235 ng	98
83) Chrysene	21.64	228	1736703	51.391 ng	95
84) Bis(2-ethylhexyl)phthalate	21.48	149	1175094	47.779 ng	99
85) Di-n-octyl phthalate	22.67	149	2057196	49.755 ng	98
86) Indeno(1,2,3-cd)pyrene	28.33	276	2187584m	47.633 ng	
88) Benzo(b)fluoranthene	23.72	252	1844123	48.626 ng	99
89) Benzo(k)fluoranthene	23.80	252	1812381	50.255 ng	98
90) Benzo(a)pyrene	24.59	252	1708422	47.729 ng	98
91) Dibenzo(a,h)anthracene	28.40	278	1803721	50.176 ng	99
92) Benzo(g,h,i)perylene	29.54	276	1831222	51.284 ng	99

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

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