Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051820\
Data File : BG045419.D
Acq On : 18 May 2020 19:08
Operator : CG/JU
Sample : L2503-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-051420MSD

Manual Integrations APPROVED
mohammad
5/19/2020 3:06:02 PM

Quant Time: May 19 04:34:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:47:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	75875	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	311038	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	233541	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	567190	20.00	ng	0.00
76) Chrysene-d12	21.62	240	514681	20.00	ng	0.00
87) Perylene-d12	24.78	264	567039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	514668	132.56	ng	0.00
7) Phenol-d6	7.21	99	691892	125.21	ng	0.00
23) Nitrobenzene-d5	9.13	82	526254	92.26	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	420956	140.94	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1249166	90.73	ng	0.00
79) Terphenyl-d14	19.97	244	2180943	98.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	70780	36.764	ng	# 45
3) Pyridine	3.83	79	108372	20.211	ng	98
4) n-Nitrosodimethylamine	3.73	42	74200	42.289	ng	94
6) Aniline	7.30	93	228932	31.736	ng	99
8) 2-Chlorophenol	7.56	128	214039	50.272	ng	96
9) Benzaldehyde	7.10	77	120841	33.564	ng	96
10) Phenol	7.23	94	249132	43.744	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	208058	46.836	ng	99
12) 1,3-Dichlorobenzene	7.86	146	227741	44.511	ng	98
13) 1,4-Dichlorobenzene	8.00	146	231891	45.926	ng	97
14) 1,2-Dichlorobenzene	8.32	146	221456	45.601	ng	99
15) Benzyl Alcohol	8.22	79	228829	50.128	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	195230	46.299	ng	97
17) 2-Methylphenol	8.46	107	197065	46.229	ng	97
18) Hexachloroethane	9.05	117	86381	44.668	ng	95
19) n-Nitroso-di-n-propylamine	8.77	70	190592	49.877	ng	96
20) 3+4-Methylphenols	8.80	107	262631m	45.243	ng	
22) Acetophenone	8.79	105	351633	47.699	ng	# 95
24) Nitrobenzene	9.17	77	274185	44.867	ng	98
25) Isophorone	9.70	82	548121	48.796	ng	98
26) 2-Nitrophenol	9.89	139	127128	48.630	ng	# 87
27) 2,4-Dimethylphenol	9.98	122	217161	56.009	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	296202	50.281	ng	97
29) 2,4-Dichlorophenol	10.46	162	231882	50.645	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	241930	44.717	ng	98
31) Naphthalene	10.82	128	691777	47.728	ng	99
32) Benzoic acid	10.18	122	137570	51.298	ng	93
33) 4-Chloroaniline	10.95	127	96744	15.968	ng	98
34) Hexachlorobutadiene	11.12	225	163299	42.700	ng	97
35) Caprolactam	11.71	113	70133m	41.731	ng	
36) 4-Chloro-3-methylphenol	12.12	107	278937	54.065	ng	97
37) 2-Methylnaphthalene	12.43	142	534864	49.510	ng	98
38) 1-Methylnaphthalene	12.66	142	507811	49.762	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	297727	45.642	ng	99

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Quant Time: May 19 04:34:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:47:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	334641	88.881 ng		98
43) 2,4,6-Trichlorophenol	13.06	196	213414	47.097 ng		99
44) 2,4,5-Trichlorophenol	13.16	196	226763	43.792 ng		97
46) 1,1'-Biphenyl	13.44	154	697887	48.633 ng		98
47) 2-Chloronaphthalene	13.49	162	525890	45.130 ng		99
48) 2-Nitroaniline	13.70	65	184476	48.127 ng		92
49) Acenaphthylene	14.33	152	897106	47.929 ng		99
50) Dimethylphthalate	14.07	163	845854	52.797 ng		98
51) 2,6-Dinitrotoluene	14.18	165	179421	49.631 ng		96
52) Acenaphthene	14.68	154	674455m	53.832 ng		
53) 3-Nitroaniline	14.53	138	106601	29.008 ng		93
54) 2,4-Dinitrophenol	14.73	184	214630	89.907 ng		97
55) Dibenzofuran	15.01	168	881600	47.383 ng		98
56) 4-Nitrophenol	14.91	139	235167	84.524 ng		95
57) 2,4-Dinitrotoluene	14.98	165	250583	47.861 ng		98
58) Fluorene	15.66	166	732930	47.949 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	222787	48.903 ng		97
60) Diethylphthalate	15.44	149	795187	47.688 ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	398784	45.591 ng		99
62) 4-Nitroaniline	15.70	138	182916	47.678 ng		90
63) Azobenzene	15.95	77	743414	47.813 ng		97
65) 4,6-Dinitro-2-methylphenol	15.75	198	150985	45.707 ng		94
66) n-Nitrosodiphenylamine	15.87	169	664838	48.820 ng		97
67) 4-Bromophenyl-phenylether	16.55	248	281238	45.791 ng		96
68) Hexachlorobenzene	16.67	284	305266	47.521 ng		97
69) Atrazine	16.82	200	260219	46.392 ng		99
70) Pentachlorophenol	17.03	266	296350	88.848 ng		97
71) Phenanthrene	17.40	178	1195135	48.267 ng		99
72) Anthracene	17.49	178	1235762	49.697 ng		97
73) Carbazole	17.77	167	1154397	47.627 ng		100
74) Di-n-butylphthalate	18.33	149	1372740	47.186 ng		97
75) Fluoranthene	19.41	202	1482798	47.081 ng		97
77) Benzidine	19.59	184	375533	25.979 ng		99
78) Pyrene	19.77	202	1486098	50.653 ng		98
80) Butylbenzylphthalate	20.66	149	609491	48.129 ng		99
81) Benzo(a)anthracene	21.60	228	1384830	48.300 ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	309940	27.559 ng		99
83) Chrysene	21.67	228	1324486	48.044 ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	828062	47.568 ng		99
85) Di-n-octyl phthalate	22.71	149	1409493	47.143 ng		99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1710634	47.451 ng		99
88) Benzo(b)fluoranthene	23.78	252	1443207	47.457 ng		97
89) Benzo(k)fluoranthene	23.85	252	1436281	50.271 ng		100
90) Benzo(a)pyrene	24.63	252	1328924	46.921 ng	#	97
91) Dibenzo(a,h)anthracene	28.42	278	1392607	48.930 ng		99
92) Benzo(g,h,i)perylene	29.49	276	1423437	50.007 ng		98

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

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