Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044845.D
Acq On : 17 Mar 2020 23:08
Operator : CG/JU
Sample : L1922-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-2MSD

Manual Integrations APPROVED
mohammad
3/18/2020 4:00:25 PM

Quant Time: Mar 18 02:42:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	94490	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	360035	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	253428	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	564876	20.00	ng		0.00
76) Chrysene-d12	21.70	240	472567	20.00	ng		0.00
87) Perylene-d12	24.90	264	538466	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	607898	100.15	ng		0.00
7) Phenol-d6	7.21	99	763290	86.55	ng		0.00
23) Nitrobenzene-d5	9.21	82	616677	75.16	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	420110	126.61	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1326165	74.94	ng		0.00
79) Terphenyl-d14	20.03	244	2068426	81.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	85403	29.218	ng	#	17
3) Pyridine	3.93	79	188589	21.794	ng		98
4) n-Nitrosodimethylamine	3.83	42	114724	34.943	ng	#	81
6) Aniline	7.37	93	109664	9.993	ng	#	94
8) 2-Chlorophenol	7.61	128	270917	44.711	ng		94
9) Benzaldehyde	7.18	77	231970	44.610	ng		98
10) Phenol	7.23	94	301586	34.541	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	265467	38.097	ng		97
12) 1,3-Dichlorobenzene	7.94	146	297996	39.923	ng		96
13) 1,4-Dichlorobenzene	8.08	146	292086	39.582	ng		97
14) 1,2-Dichlorobenzene	8.41	146	276247	39.472	ng		94
15) Benzyl Alcohol	8.28	79	284108	40.151	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	395370	32.152	ng		99
17) 2-Methylphenol	8.49	107	238917	40.396	ng		99
18) Hexachloroethane	9.14	117	116694	40.167	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	236279	37.943	ng		95
20) 3+4-Methylphenols	8.81	107	327393	40.156	ng		95
22) Acetophenone	8.86	105	424027	41.572	ng		98
24) Nitrobenzene	9.25	77	350674	41.191	ng		99
25) Isophorone	9.78	82	651408	40.679	ng		97
26) 2-Nitrophenol	9.96	139	151755	50.961	ng		98
27) 2,4-Dimethylphenol	10.02	122	259030	49.673	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	370996	38.822	ng		99
29) 2,4-Dichlorophenol	10.50	162	273713	44.938	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	296016	40.645	ng		93
31) Naphthalene	10.90	128	830528	41.642	ng		98
32) Benzoic acid	10.15	122	134788	36.165	ng		95
33) 4-Chloroaniline	11.00	127	21074	2.345	ng	#	92
34) Hexachlorobutadiene	11.20	225	195001	40.715	ng		97
35) Caprolactam	11.77	113	69960m	30.337	ng		
36) 4-Chloro-3-methylphenol	12.13	107	332567	45.781	ng		98
37) 2-Methylnaphthalene	12.51	142	622619	41.733	ng		97
38) 1-Methylnaphthalene	12.73	142	593975	42.349	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	333897	40.006	ng		100

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Quant Time: Mar 18 02:42:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	357180	78.308 ng		98
43) 2,4,6-Trichlorophenol	13.11	196	248505	44.865 ng		99
44) 2,4,5-Trichlorophenol	13.18	196	269156	46.857 ng		97
46) 1,1'-Biphenyl	13.51	154	792460	39.130 ng		98
47) 2-Chloronaphthalene	13.55	162	614165	39.698 ng		99
48) 2-Nitroaniline	13.75	65	224587	41.465 ng		95
49) Acenaphthylene	14.40	152	1012699	41.783 ng		97
50) Dimethylphthalate	14.14	163	936953	46.420 ng		99
51) 2,6-Dinitrotoluene	14.24	165	191105	46.971 ng		96
52) Acenaphthene	14.75	154	724041	45.614 ng		99
53) 3-Nitroaniline	14.56	138	26004	5.559 ng	#	96
54) 2,4-Dinitrophenol	14.78	184	182095	85.062 ng		90
55) Dibenzofuran	15.08	168	968617	42.080 ng		98
56) 4-Nitrophenol	14.88	139	286626	80.290 ng		95
57) 2,4-Dinitrotoluene	15.03	165	263428	47.210 ng		99
58) Fluorene	15.73	166	792549	41.856 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	252901	47.821 ng		95
60) Diethylphthalate	15.50	149	845551	40.165 ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	427683	41.947 ng		99
62) 4-Nitroaniline	15.73	138	164943	33.069 ng		93
63) Azobenzene	16.02	77	859859	39.332 ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	135142	50.382 ng		96
66) n-Nitrosodiphenylamine	15.93	169	725831	42.679 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	294655	41.725 ng		96
68) Hexachlorobenzene	16.74	284	332270	43.370 ng		99
69) Atrazine	16.88	200	289035	46.388 ng		98
70) Pentachlorophenol	17.08	266	403202	95.652 ng		99
71) Phenanthrene	17.47	178	1280782	42.430 ng		100
72) Anthracene	17.56	178	1314775	44.172 ng		99
73) Carbazole	17.82	167	1220640	42.692 ng		97
74) Di-n-butylphthalate	18.39	149	1438029	41.375 ng		100
75) Fluoranthene	19.48	202	1522753	42.367 ng		99
77) Benzidine	19.65	184	250390	16.321 ng		99
78) Pyrene	19.83	202	1507648	43.485 ng		98
80) Butylbenzylphthalate	20.73	149	643949	41.749 ng		98
81) Benzo(a)anthracene	21.67	228	1464157	43.028 ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	130882	9.942 ng		97
83) Chrysene	21.74	228	1379429	42.438 ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	894168	42.005 ng		98
85) Di-n-octyl phthalate	22.81	149	1511881	42.442 ng		100
86) Indeno(1,2,3-cd)pyrene	28.56	276	1826121	42.852 ng	#	97
88) Benzo(b)fluoranthene	23.89	252	1553073	43.689 ng		99
89) Benzo(k)fluoranthene	23.96	252	1471894	43.753 ng		99
90) Benzo(a)pyrene	24.75	252	1398105	42.032 ng		99
91) Dibenzo(a,h)anthracene	28.63	278	1494838	45.553 ng		98
92) Benzo(g,h,i)perylene	29.69	276	1522184	45.912 ng		97

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

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