Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
Data File : BG044264.D
Acq On : 31 Jan 2020 17:46
Operator : CG/JU
Sample : L1331-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Manual Integrations APPROVED
mohammad
2/3/2020 4:10:49 PM

Quant Time: Feb 01 00:17:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	69765	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	332650	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	247455	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	535554	20.00	ng		0.00
76) Chrysene-d12	21.54	240	452131	20.00	ng		0.00
87) Perylene-d12	24.64	264	523447	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	500307	126.56	ng		0.00
7) Phenol-d6	7.09	99	722552	136.12	ng		0.00
23) Nitrobenzene-d5	9.07	82	427601	72.57	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	319337	109.93	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1025350	69.39	ng		0.00
79) Terphenyl-d14	19.91	244	1591079	72.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	72397	40.762	ng		98
3) Pyridine	3.77	79	185618	39.227	ng		99
4) n-Nitrosodimethylamine	3.68	42	91664	46.358	ng	#	97
6) Aniline	7.24	93	219134	33.257	ng		98
8) 2-Chlorophenol	7.48	128	259211	59.664	ng		98
9) Benzaldehyde	7.04	77	112554	37.229	ng		98
10) Phenol	7.11	94	357762	68.100	ng		98
11) bis(2-Chloroethyl)ether	7.33	93	226938	50.528	ng		97
12) 1,3-Dichlorobenzene	7.81	146	244930	47.218	ng		99
13) 1,4-Dichlorobenzene	7.95	146	245389	47.764	ng		99
14) 1,2-Dichlorobenzene	8.27	146	235274	48.450	ng		98
15) Benzyl Alcohol	8.15	79	218908	58.248	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	300567	49.444	ng		99
17) 2-Methylphenol	8.37	107	232764	62.099	ng		98
18) Hexachloroethane	9.00	117	89779	46.568	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	192724	54.476	ng		97
20) 3+4-Methylphenols	8.69	107	325120	62.939	ng		98
22) Acetophenone	8.74	105	356200	44.017	ng		99
24) Nitrobenzene	9.11	77	271872	47.264	ng		97
25) Isophorone	9.64	82	548060	49.904	ng		100
26) 2-Nitrophenol	9.83	139	149951	50.239	ng		98
27) 2,4-Dimethylphenol	9.89	122	274448	65.139	ng		98
28) bis(2-Chloroethoxy)methane	10.12	93	343879	46.938	ng		99
29) 2,4-Dichlorophenol	10.37	162	284210	55.787	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	257982	44.162	ng		100
31) Naphthalene	10.77	128	779490	48.298	ng		99
32) Benzoic acid	10.06	122	96323	38.632	ng		97
33) 4-Chloroaniline	10.87	127	127000	17.302	ng		98
34) Hexachlorobutadiene	11.06	225	145256	40.410	ng		100
35) Caprolactam	11.64	113	115363m	61.816	ng		
36) 4-Chloro-3-methylphenol	12.01	107	321534	60.196	ng		99
37) 2-Methylnaphthalene	12.38	142	617653	51.544	ng		99
38) 1-Methylnaphthalene	12.60	142	589741	52.202	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	299167	40.416	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	346558	97.573	ng		100
43) 2,4,6-Trichlorophenol	12.99	196	236707	49.473	ng		99
44) 2,4,5-Trichlorophenol	13.07	196	260182	53.240	ng		98
46) 1,1'-Biphenyl	13.39	154	811733	45.477	ng		100
47) 2-Chloronaphthalene	13.43	162	636803	44.834	ng		99
48) 2-Nitroaniline	13.63	65	202272	48.255	ng		98
49) Acenaphthylene	14.28	152	1039241	49.885	ng		99
50) Dimethylphthalate	14.01	163	1000741	56.260	ng		100
51) 2,6-Dinitrotoluene	14.12	165	195715	49.347	ng		95
52) Acenaphthene	14.62	154	638134	47.258	ng		98
53) 3-Nitroaniline	14.45	138	106048	24.168	ng		96
54) 2,4-Dinitrophenol	14.66	184	194047	82.326	ng		99
55) Dibenzofuran	14.96	168	1006732	49.242	ng		100
56) 4-Nitrophenol	14.78	139	340489	105.935	ng		99
57) 2,4-Dinitrotoluene	14.92	165	272517	49.025	ng		99
58) Fluorene	15.60	166	791722	49.167	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	228863	51.847	ng		98
60) Diethylphthalate	15.38	149	868554	49.004	ng		100
61) 4-Chlorophenyl-phenylether	15.60	204	414238	47.445	ng		98
62) 4-Nitroaniline	15.62	138	192503	43.905	ng		99
63) Azobenzene	15.89	77	794096	51.120	ng		98
65) 4,6-Dinitro-2-methylphenol	15.68	198	155595	52.633	ng		98
66) n-Nitrosodiphenylamine	15.81	169	751388	50.064	ng		100
67) 4-Bromophenyl-phenylether	16.49	248	278300	47.697	ng		98
68) Hexachlorobenzene	16.61	284	299862	45.872	ng		98
69) Atrazine	16.76	200	276276	53.706	ng		97
70) Pentachlorophenol	16.96	266	314915	94.667	ng		97
71) Phenanthrene	17.34	178	1242435	47.909	ng		99
72) Anthracene	17.43	178	1279846	49.917	ng		99
73) Carbazole	17.70	167	1126456	47.658	ng		99
74) Di-n-butylphthalate	18.27	149	1387553	47.504	ng		100
75) Fluoranthene	19.35	202	1398420	46.614	ng		99
77) Benzidine	19.53	184	426446	34.004	ng		99
78) Pyrene	19.71	202	1408607	48.512	ng		99
80) Butylbenzylphthalate	20.60	149	645178	48.759	ng		98
81) Benzo(a)anthracene	21.53	228	1354437	48.607	ng		99
82) 3,3'-Dichlorobenzidine	21.44	252	282052	26.080	ng		97
83) Chrysene	21.59	228	1301119	48.307	ng		99
84) Bis(2-ethylhexyl)phthalate	21.45	149	917835	50.395	ng		100
85) Di-n-octyl phthalate	22.62	149	1588809	50.419	ng		100
86) Indeno(1,2,3-cd)pyrene	28.14	276	1654182	47.074	ng	#	86
88) Benzo(b)fluoranthene	23.67	252	1437687	47.664	ng		99
89) Benzo(k)fluoranthene	23.73	252	1443855	49.114	ng		99
90) Benzo(a)pyrene	24.50	252	1357991	47.618	ng		98
91) Dibenzo(a,h)anthracene	28.21	278	1371380	48.589	ng		100
92) Benzo(g,h,i)perylene	29.24	276	1367550	48.402	ng		98

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

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