Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043608.D
Acq On : 12 Nov 2019 8:02
Operator : JU
Sample : K5762-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HP-640-XMS

Manual Integrations APPROVED
mohammad
11/12/2019 5:04:20 PM

Quant Time: Nov 12 10:26:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42173	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	166985	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	124966	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	298094	20.00	ng		-0.01
76) Chrysene-d12	21.65	240	229449	20.00	ng		0.00
87) Perylene-d12	24.83	264	270930	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	145006	63.01	ng		0.01
7) Phenol-d6	7.21	99	144805	43.73	ng		0.01
23) Nitrobenzene-d5	9.17	82	245737	75.87	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	184527	77.59	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	665146	73.55	ng		0.00
79) Terphenyl-d14	19.99	244	1066869	87.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	16553	18.457	ng	#	86
3) Pyridine	3.86	79	38623	17.072	ng		96
4) n-Nitrosodimethylamine	3.78	42	31602	27.682	ng		80
6) Aniline	7.34	93	21144	5.543	ng	#	97
8) 2-Chlorophenol	7.58	128	115297	45.383	ng		96
9) Benzaldehyde	7.14	77	65154	40.038	ng		94
10) Phenol	7.24	94	95530	31.572	ng		92
11) bis(2-Chloroethyl)ether	7.42	93	89619	38.309	ng		96
12) 1,3-Dichlorobenzene	7.89	146	106471	33.449	ng		98
13) 1,4-Dichlorobenzene	8.04	146	112239	34.851	ng		97
14) 1,2-Dichlorobenzene	8.36	146	108878	34.625	ng		96
15) Benzyl Alcohol	8.25	79	94480	40.628	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	121054	35.587	ng		97
17) 2-Methylphenol	8.48	107	92831	42.085	ng		97
18) Hexachloroethane	9.08	117	38949	33.521	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	83700	39.118	ng		94
20) 3+4-Methylphenols	8.80	107	119514	39.512	ng	#	85
22) Acetophenone	8.83	105	168499	39.403	ng		97
24) Nitrobenzene	9.21	77	162150	52.552	ng	#	97
25) Isophorone	9.73	82	235110	39.703	ng		99
26) 2-Nitrophenol	9.92	139	70660	47.435	ng	#	94
27) 2,4-Dimethylphenol	10.00	122	97462	45.649	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	128452	39.302	ng		98
29) 2,4-Dichlorophenol	10.47	162	128644	47.026	ng		89
30) 1,2,4-Trichlorobenzene	10.67	180	126024	36.552	ng		99
31) Naphthalene	10.86	128	337441	39.811	ng		99
32) Benzoic acid	10.17	122	33741	25.844	ng		95
33) 4-Chloroaniline	10.98	127	15052	4.332	ng		94
34) Hexachlorobutadiene	11.14	225	89175	34.988	ng		92
35) Caprolactam	11.77	113	12207	12.957	ng		96
36) 4-Chloro-3-methylphenol	12.12	107	139586	46.779	ng		97
37) 2-Methylnaphthalene	12.46	142	267244	41.092	ng		97
38) 1-Methylnaphthalene	12.68	142	250821	40.534	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	171590	37.102	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	165313	68.046	ng		96
43) 2,4,6-Trichlorophenol	13.08	196	119541	43.891	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	127694	46.375	ng		97
46) 1,1'-Biphenyl	13.46	154	398425	41.910	ng		96
47) 2-Chloronaphthalene	13.51	162	279313	38.614	ng		99
48) 2-Nitroaniline	13.72	65	41382	19.141	ng		97
49) Acenaphthylene	14.36	152	449515	39.929	ng		99
50) Dimethylphthalate	14.09	163	463633	47.899	ng		99
51) 2,6-Dinitrotoluene	14.21	165	89718	42.665	ng		98
52) Acenaphthene	14.70	154	275528	40.133	ng		98
53) 3-Nitroaniline	14.55	138	12925	6.366	ng	#	95
54) 2,4-Dinitrophenol	14.76	184	117391	88.543	ng		96
55) Dibenzofuran	15.03	168	459731	41.293	ng		99
56) 4-Nitrophenol	14.91	139	71996	52.917	ng		95
57) 2,4-Dinitrotoluene	15.00	165	123017	40.935	ng		96
58) Fluorene	15.68	166	383796	41.102	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	128915	44.066	ng		98
60) Diethylphthalate	15.45	149	406181	41.763	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	219131	40.227	ng		97
62) 4-Nitroaniline	15.72	138	4722	2.252	ng		97
63) Azobenzene	15.97	77	325836	41.396	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	77271	44.047	ng		91
66) n-Nitrosodiphenylamine	15.89	169	338668	40.241	ng		96
67) 4-Bromophenyl-phenylether	16.57	248	156771	39.079	ng		95
68) Hexachlorobenzene	16.69	284	170549	37.036	ng		99
69) Atrazine	16.84	200	139357	47.654	ng		98
70) Pentachlorophenol	17.04	266	171688	81.823	ng		97
71) Phenanthrene	17.42	178	596257	39.061	ng		99
72) Anthracene	17.51	178	612152	40.082	ng		98
73) Carbazole	17.79	167	490908	35.495	ng		98
74) Di-n-butylphthalate	18.33	149	658245	39.225	ng		100
75) Fluoranthene	19.43	202	677161	34.027	ng		99
78) Pyrene	19.79	202	654547	46.086	ng		100
80) Butylbenzylphthalate	20.67	149	215617	40.071	ng		96
81) Benzo(a)anthracene	21.63	228	595683	41.446	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	3589m	0.646	ng		
83) Chrysene	21.69	228	577563	40.445	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	316963	41.468	ng		99
85) Di-n-octyl phthalate	22.72	149	552824	42.631	ng		99
86) Indeno(1,2,3-cd)pyrene	28.46	276	766467	42.759	ng	#	98
88) Benzo(b)fluoranthene	23.82	252	631145	41.131	ng		99
89) Benzo(k)fluoranthene	23.89	252	645777	41.805	ng		98
90) Benzo(a)pyrene	24.68	252	577121	39.386	ng		99
91) Dibenzo(a,h)anthracene	28.52	278	657578	43.874	ng		99
92) Benzo(g,h,i)perylene	29.60	276	653749	44.220	ng		100

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

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