Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031919\
Data File : BG040010.D
Acq On : 19 Mar 2019 19:58
Operator : JU/SJ
Sample : K1958-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3MS

Manual Integrations APPROVED
Sohil
3/20/2019 4:59:15 PM

Quant Time: Mar 20 04:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37757	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	162783	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	111616	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	271080	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	271253	20.00	ng		-0.02
87) Perylene-d12	25.16	264	291823	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	424994	192.03	ng		-0.02
7) Phenol-d6	7.30	99	614834	186.31	ng		-0.01
23) Nitrobenzene-d5	9.33	82	370883	123.22	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	245149	188.44	ng		-0.01
45) 2-Fluorobiphenyl	13.39	172	853638	108.89	ng		-0.02
79) Terphenyl-d14	20.11	244	1329187	107.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	31826	31.148	ng		98
3) Pyridine	3.98	79	60375	22.071	ng		98
4) n-Nitrosodimethylamine	3.90	42	50823	39.165	ng	#	95
6) Aniline	7.47	93	142416	32.941	ng		98
8) 2-Chlorophenol	7.71	128	107041	39.866	ng		96
9) Benzaldehyde	7.28	77	42254	19.850	ng		93
10) Phenol	7.32	94	155195	43.412	ng		100
11) bis(2-Chloroethyl)ether	7.56	93	104665	37.551	ng		97
12) 1,3-Dichlorobenzene	8.03	146	110051	36.241	ng		97
13) 1,4-Dichlorobenzene	8.18	146	114142	36.902	ng		99
14) 1,2-Dichlorobenzene	8.50	146	109285	36.568	ng		98
15) Benzyl Alcohol	8.39	79	107382	41.021	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	218090	39.122	ng		99
17) 2-Methylphenol	8.58	107	95248	41.784	ng		97
18) Hexachloroethane	9.23	117	40573	36.557	ng		98
19) n-Nitroso-di-n-propylamine	8.94	70	86968	36.614	ng		99
20) 3+4-Methylphenols	8.91	107	135037	42.642	ng		97
22) Acetophenone	8.97	105	166230	38.047	ng	#	98
24) Nitrobenzene	9.37	77	131595	41.677	ng		99
25) Isophorone	9.88	82	252277	40.002	ng		98
26) 2-Nitrophenol	10.07	139	63636	41.742	ng	#	92
27) 2,4-Dimethylphenol	10.12	122	112532	47.462	ng		95
28) bis(2-Chloroethoxy)methane	10.36	93	151454	39.518	ng		99
29) 2,4-Dichlorophenol	10.61	162	119600	44.802	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	118805	39.550	ng		96
31) Naphthalene	11.02	128	343028	39.801	ng		100
32) Benzoic acid	10.24	122	43240	29.508	ng		98
33) 4-Chloroaniline	11.13	127	143930	39.382	ng		99
34) Hexachlorobutadiene	11.28	225	75401	36.733	ng		94
35) Caprolactam	11.92	113	42291m	41.472	ng		
36) 4-Chloro-3-methylphenol	12.23	107	134772	44.041	ng		98
37) 2-Methylnaphthalene	12.61	142	260578	40.440	ng		99
38) 1-Methylnaphthalene	12.83	142	247029	39.449	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	141622	37.454	ng		98

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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	12.93	237	188748	93.145	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	100544	45.418	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	105290	42.195	ng		96
46) 1,1'-Biphenyl	13.61	154	352559	38.404	ng		98
47) 2-Chloronaphthalene	13.66	162	271383	39.295	ng		99
48) 2-Nitroaniline	13.86	65	98796	44.514	ng		98
49) Acenaphthylene	14.50	152	444457	39.203	ng		99
50) Dimethylphthalate	14.22	163	448697	48.075	ng		100
51) 2,6-Dinitrotoluene	14.35	165	83886	42.397	ng		95
52) Acenaphthene	14.84	154	260987	38.247	ng		95
53) 3-Nitroaniline	14.68	138	76802	38.615	ng	#	96
54) 2,4-Dinitrophenol	14.89	184	106440	84.955	ng		97
55) Dibenzofuran	15.17	168	439392	39.247	ng		99
56) 4-Nitrophenol	14.98	139	145576	81.820	ng		94
57) 2,4-Dinitrotoluene	15.14	165	121795	43.809	ng		87
58) Fluorene	15.82	166	341840	38.840	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	108767	44.632	ng		99
60) Diethylphthalate	15.57	149	379979	41.127	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	182552	38.870	ng		99
62) 4-Nitroaniline	15.85	138	91068	42.235	ng		97
63) Azobenzene	16.09	77	342769	40.927	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	73370	45.776	ng		98
66) n-Nitrosodiphenylamine	16.02	169	322581	41.104	ng		97
67) 4-Bromophenyl-phenylether	16.69	248	118845	39.167	ng		99
68) Hexachlorobenzene	16.81	284	123757	39.347	ng		96
69) Atrazine	16.96	200	128928	41.743	ng		97
70) Pentachlorophenol	17.16	266	162828	81.972	ng		97
71) Phenanthrene	17.56	178	588911	39.441	ng		100
72) Anthracene	17.65	178	595478	40.925	ng		100
73) Carbazole	17.92	167	541576	41.287	ng		98
74) Di-n-butylphthalate	18.45	149	634841	41.134	ng		99
75) Fluoranthene	19.56	202	687044	38.934	ng		99
77) Benzidine	19.74	184	144197	16.752	ng		98
78) Pyrene	19.92	202	691147	39.211	ng		99
80) Butylbenzylphthalate	20.79	149	298033	43.643	ng		95
81) Benzo(a)anthracene	21.78	228	664789	39.105	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	215562	34.731	ng		99
83) Chrysene	21.85	228	643186	39.025	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	421484	43.922	ng		97
85) Di-n-octyl phthalate	22.90	149	725500	45.660	ng		96
86) Indeno(1,2,3-cd)pyrene	29.02	276	781358	41.790	ng		98
88) Benzo(b)fluoranthene	24.09	252	677878m	38.954	ng		
89) Benzo(k)fluoranthene	24.16	252	652738	40.296	ng		99
90) Benzo(a)pyrene	25.01	252	662505	41.200	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	633507	40.186	ng		97
92) Benzo(g,h,i)perylene	30.25	276	643303	40.631	ng		98

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

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