Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043015.D
Acq On : 3 Oct 2019 17:10
Operator : JU
Sample : K5168-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MS

Manual Integrations APPROVED
mohammad
10/7/2019 8:26:30 AM

Quant Time: Oct 04 07:29:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62726	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	235799	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	176929	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	423758	20.00	ng		0.00
76) Chrysene-d12	21.70	240	457104	20.00	ng		-0.01
87) Perylene-d12	24.92	264	539547	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	412257	117.29	ng		0.00
7) Phenol-d6	7.24	99	589464	116.46	ng		0.00
23) Nitrobenzene-d5	9.23	82	363649	74.96	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	363379	119.44	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	823463	67.47	ng		-0.01
79) Terphenyl-d14	20.04	244	1553368	72.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	50452	34.428	ng		98
3) Pyridine	3.95	79	135141	32.788	ng		93
4) n-Nitrosodimethylamine	3.86	42	78974	39.844	ng		86
6) Aniline	7.39	93	221926	36.322	ng		98
8) 2-Chlorophenol	7.64	128	178090	48.586	ng		98
9) Benzaldehyde	7.21	77	110763	35.812	ng		86
10) Phenol	7.27	94	244654	52.684	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	155027	43.147	ng		94
12) 1,3-Dichlorobenzene	7.96	146	199076	42.574	ng		98
13) 1,4-Dichlorobenzene	8.11	146	200311	42.972	ng		98
14) 1,2-Dichlorobenzene	8.42	146	190944	43.026	ng		95
15) Benzyl Alcohol	8.31	79	170891	44.907	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	249687	36.185	ng		99
17) 2-Methylphenol	8.51	107	151739	46.699	ng		97
18) Hexachloroethane	9.15	117	71498	40.727	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	138150	41.567	ng		96
20) 3+4-Methylphenols	8.84	107	210350	47.239	ng		98
22) Acetophenone	8.89	105	266048	43.771	ng	#	94
24) Nitrobenzene	9.27	77	212797	45.986	ng		99
25) Isophorone	9.79	82	385569	45.247	ng		97
26) 2-Nitrophenol	9.98	139	103126	52.351	ng		96
27) 2,4-Dimethylphenol	10.04	122	170198	56.260	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	214333	44.331	ng		98
29) 2,4-Dichlorophenol	10.52	162	194274	51.635	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	223214	45.941	ng		95
31) Naphthalene	10.92	128	552579	47.605	ng		99
32) Benzoic acid	10.19	122	113573	48.186	ng		95
33) 4-Chloroaniline	11.03	127	137328	27.265	ng		97
34) Hexachlorobutadiene	11.21	225	155495	42.742	ng		98
35) Caprolactam	11.81	113	64514m	48.623	ng		
36) 4-Chloro-3-methylphenol	12.15	107	208854	51.054	ng		97
37) 2-Methylnaphthalene	12.52	142	428284	48.366	ng		97
38) 1-Methylnaphthalene	12.74	142	397417	47.430	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	276843	41.616	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	328091	77.405	ng		93
43) 2,4,6-Trichlorophenol	13.13	196	186911	48.004	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	201729	50.293	ng		97
46) 1,1'-Biphenyl	13.52	154	576661	42.979	ng		99
47) 2-Chloronaphthalene	13.56	162	457541	45.483	ng		98
48) 2-Nitroaniline	13.77	65	147607	44.124	ng		88
49) Acenaphthylene	14.41	152	742609	48.244	ng		99
50) Dimethylphthalate	14.15	163	715696	53.988	ng		99
51) 2,6-Dinitrotoluene	14.26	165	136268	48.269	ng		95
52) Acenaphthene	14.75	154	452801	43.948	ng		98
53) 3-Nitroaniline	14.59	138	108793	37.290	ng		89
54) 2,4-Dinitrophenol	14.79	184	159434	90.857	ng		96
55) Dibenzofuran	15.09	168	716765	47.028	ng		99
56) 4-Nitrophenol	14.91	139	225713	101.537	ng		97
57) 2,4-Dinitrotoluene	15.04	165	199315	48.212	ng		97
58) Fluorene	15.73	166	607902	46.718	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	204717	47.934	ng		99
60) Diethylphthalate	15.50	149	590658	43.781	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	353662	45.318	ng		98
62) 4-Nitroaniline	15.76	138	146348	45.994	ng		99
63) Azobenzene	16.02	77	547446	44.570	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	116665	48.653	ng		92
66) n-Nitrosodiphenylamine	15.94	169	541263	48.385	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	246978	46.437	ng		96
68) Hexachlorobenzene	16.74	284	274553	46.362	ng		96
69) Atrazine	16.88	200	211981	45.000	ng		94
70) Pentachlorophenol	17.08	266	357115	104.509	ng		97
71) Phenanthrene	17.47	178	1008418	48.744	ng		97
72) Anthracene	17.56	178	1017270	49.255	ng		100
73) Carbazole	17.84	167	916420	47.849	ng		100
74) Di-n-butylphthalate	18.39	149	1060312	46.402	ng		99
75) Fluoranthene	19.48	202	1341401	49.021	ng		99
77) Benzidine	19.66	184	828309	72.370	ng		98
78) Pyrene	19.84	202	1355124	49.670	ng		98
80) Butylbenzylphthalate	20.73	149	494471	47.748	ng		97
81) Benzo(a)anthracene	21.68	228	1353191	47.511	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	389998	34.912	ng		99
83) Chrysene	21.75	228	1308697	47.349	ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	708781	48.099	ng		99
85) Di-n-octyl phthalate	22.80	149	1203841	49.960	ng		97
86) Indeno(1,2,3-cd)pyrene	28.60	276	1719238	49.965	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	1450773	47.521	ng		98
89) Benzo(k)fluoranthene	23.97	252	1415872	46.881	ng		99
90) Benzo(a)pyrene	24.77	252	1432972	49.751	ng		98
91) Dibenzo(a,h)anthracene	28.66	278	1440371	48.768	ng		100
92) Benzo(g,h,i)perylene	29.75	276	1422718	49.716	ng		99

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

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