Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
Data File : BG041015.D
Acq On : 1 Jun 2019 16:48
Operator : HP/JU
Sample : K3110-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-B1-C1-B1A-C1AMS

Quant Time: Jun 03 04:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61809	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	252557	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	180883	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	440539	20.00	ng		0.00
76) Chrysene-d12	21.78	240	422810	20.00	ng		0.00
87) Perylene-d12	25.12	264	448793	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	471410	137.53	ng		0.00
7) Phenol-d6	7.27	99	684280	129.26	ng		0.00
23) Nitrobenzene-d5	9.30	82	469072	82.45	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	342168	127.42	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1056232	84.09	ng		0.00
79) Terphenyl-d14	20.09	244	1627951	81.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	45423	29.203	ng		92
3) Pyridine	3.93	79	105745	22.976	ng		98
4) n-Nitrosodimethylamine	3.85	42	81524	38.166	ng		92
6) Aniline	7.44	93	117111	16.574	ng		97
8) 2-Chlorophenol	7.68	128	155345	38.014	ng		95
9) Benzaldehyde	7.25	77	73248	23.195	ng		85
10) Phenol	7.30	94	215365	37.943	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	148564	36.080	ng		99
12) 1,3-Dichlorobenzene	8.01	146	162801	33.356	ng		95
13) 1,4-Dichlorobenzene	8.16	146	169398	34.288	ng		99
14) 1,2-Dichlorobenzene	8.48	146	160792	33.520	ng		98
15) Benzyl Alcohol	8.36	79	179374	36.630	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	230416	34.245	ng		97
17) 2-Methylphenol	8.55	107	146951	35.757	ng		97
18) Hexachloroethane	9.21	117	63657	33.431	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	138415	33.977	ng		97
20) 3+4-Methylphenols	8.88	107	207374	36.428	ng		96
22) Acetophenone	8.95	105	262311	37.025	ng		97
24) Nitrobenzene	9.35	77	216718	37.381	ng		98
25) Isophorone	9.86	82	395646	36.544	ng		100
26) 2-Nitrophenol	10.05	139	91647	38.345	ng	#	83
27) 2,4-Dimethylphenol	10.09	122	164791	41.747	ng		96
28) bis(2-Chloroethoxy)methane	10.34	93	209275	35.814	ng		99
29) 2,4-Dichlorophenol	10.58	162	185064	36.919	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	202301	35.477	ng		98
31) Naphthalene	11.00	128	495336	36.529	ng		99
32) Benzoic acid	10.19	122	53650	22.649	ng		94
33) 4-Chloroaniline	11.10	127	73428	11.671	ng		97
34) Hexachlorobutadiene	11.26	225	147355	33.772	ng		99
35) Caprolactam	11.89	113	56030	33.849	ng		97
36) 4-Chloro-3-methylphenol	12.21	107	203548	35.556	ng		97
37) 2-Methylnaphthalene	12.59	142	372056	35.625	ng		100
38) 1-Methylnaphthalene	12.81	142	357215	36.297	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	271005	37.172	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	290080	74.634 ng		97
43) 2,4,6-Trichlorophenol	13.18	196	176865	37.500 ng		98
44) 2,4,5-Trichlorophenol	13.26	196	185149	37.223 ng		98
46) 1,1'-Biphenyl	13.59	154	503125	37.577 ng		99
47) 2-Chloronaphthalene	13.64	162	413012	35.931 ng		96
48) 2-Nitroaniline	13.84	65	143701	34.848 ng		96
49) Acenaphthylene	14.48	152	632294	36.549 ng		100
50) Dimethylphthalate	14.20	163	690085	45.069 ng		99
51) 2,6-Dinitrotoluene	14.33	165	119796	36.287 ng		96
52) Acenaphthene	14.82	154	372268	35.521 ng		96
53) 3-Nitroaniline	14.66	138	67382	20.411 ng		99
54) 2,4-Dinitrophenol	14.86	184	104465	66.024 ng		96
55) Dibenzofuran	15.15	168	642237	36.419 ng		100
56) 4-Nitrophenol	14.96	139	177055	78.192 ng		91
57) 2,4-Dinitrotoluene	15.12	165	169684	36.386 ng		99
58) Fluorene	15.80	166	499876	35.594 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	186320	38.116 ng		98
60) Diethylphthalate	15.55	149	541963	34.683 ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	321500	35.220 ng		97
62) 4-Nitroaniline	15.83	138	113052	32.347 ng		94
63) Azobenzene	16.07	77	508532	35.806 ng		97
65) 4,6-Dinitro-2-methylphenol	15.87	198	90332	40.007 ng		97
66) n-Nitrosodiphenylamine	16.00	169	457126	36.912 ng		98
67) 4-Bromophenyl-phenylether	16.68	248	206196	34.683 ng		98
68) Hexachlorobenzene	16.79	284	211060	33.339 ng		98
69) Atrazine	16.94	200	192161	40.214 ng		98
70) Pentachlorophenol	17.14	266	246914	73.189 ng		98
71) Phenanthrene	17.54	178	831590	36.240 ng		99
72) Anthracene	17.63	178	855656	37.807 ng		99
73) Carbazole	17.90	167	732574	37.724 ng		99
74) Di-n-butylphthalate	18.44	149	855996	35.466 ng		99
75) Fluoranthene	19.54	202	1045321	36.881 ng		100
77) Benzidine	19.72	184	202082	20.035 ng		96
78) Pyrene	19.90	202	1047584	38.114 ng		98
80) Butylbenzylphthalate	20.77	149	393625	36.801 ng		98
81) Benzo(a)anthracene	21.76	228	1013307	36.003 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	188590	19.051 ng		99
83) Chrysene	21.83	228	999433	37.107 ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	535558	35.568 ng		100
85) Di-n-octyl phthalate	22.87	149	909566	36.271 ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1209163	36.649 ng	#	99
88) Benzo(b)fluoranthene	24.05	252	1040378	38.220 ng		100
89) Benzo(k)fluoranthene	24.12	252	996689	37.001 ng		99
90) Benzo(a)pyrene	24.96	252	1006812	38.767 ng		96
91) Dibenzo(a,h)anthracene	29.02	278	984742	37.947 ng		98
92) Benzo(g,h,i)perylene	30.16	276	995795	39.498 ng		99

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

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