Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039419.D
Acq On : 8 Feb 2019 17:18
Operator : JU/SJ
Sample : K1404-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AOC12-SS1-7.5-8.0MS

Manual Integrations APPROVED
Sohil
2/11/2019 10:13:46 AM

Quant Time: Feb 09 00:09:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51785	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	220613	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	148795	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	354600	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	367188	20.00	ng	-0.02
87) Perylene-d12	25.22	264	386571	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	369470	122.11	ng	0.00
7) Phenol-d6	7.31	99	532469	119.56	ng	-0.01
23) Nitrobenzene-d5	9.35	82	303965	86.07	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	196874	122.87	ng	-0.01
45) 2-Fluorobiphenyl	13.43	172	692982	66.81	ng	-0.01
79) Terphenyl-d14	20.13	244	1122343	64.70	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	41080	31.039	ng	94
3) Pyridine	4.01	79	116188	33.157	ng	94
4) n-Nitrosodimethylamine	3.93	42	65558	37.409	ng	93
6) Aniline	7.50	93	121541	21.787	ng	99
8) 2-Chlorophenol	7.73	128	134888	40.784	ng	97
9) Benzaldehyde	7.31	77	67542	27.740	ng	97
10) Phenol	7.34	94	200583	43.204	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	130587	35.596	ng	97
12) 1,3-Dichlorobenzene	8.06	146	140850	35.154	ng	97
13) 1,4-Dichlorobenzene	8.21	146	146086	36.581	ng	96
14) 1,2-Dichlorobenzene	8.53	146	139495	36.083	ng	98
15) Benzyl Alcohol	8.41	79	129438	37.019	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	261728	31.592	ng	98
17) 2-Methylphenol	8.60	107	119400	39.742	ng	96
18) Hexachloroethane	9.26	117	49899	36.319	ng	96
19) n-Nitroso-di-n-propylamine	8.98	70	105144	33.262	ng	95
20) 3+4-Methylphenols	8.93	107	166440	40.230	ng	95
22) Acetophenone	9.00	105	206039	34.768	ng	95
24) Nitrobenzene	9.40	77	159837	41.896	ng	99
25) Isophorone	9.91	82	304338	38.890	ng	98
26) 2-Nitrophenol	10.11	139	74332	49.346	ng	98
27) 2,4-Dimethylphenol	10.14	122	141256	44.622	ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	185677	38.521	ng	96
29) 2,4-Dichlorophenol	10.63	162	148833	43.018	ng	93
30) 1,2,4-Trichlorobenzene	10.85	180	148318	38.183	ng	98
31) Naphthalene	11.05	128	425052	38.837	ng	99
32) Benzoic acid	10.19	122	2318m	9.929	ng	
33) 4-Chloroaniline	11.15	127	105877	20.864	ng	99
34) Hexachlorobutadiene	11.31	225	92586	35.841	ng	95
35) Caprolactam	11.93	113	50056m	34.963	ng	
36) 4-Chloro-3-methylphenol	12.25	107	157159	39.277	ng	95
37) 2-Methylnaphthalene	12.64	142	319857	39.459	ng	97
38) 1-Methylnaphthalene	12.86	142	305166	39.054	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	177352	37.462	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	213872	82.904	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	119188	40.946	ng		97
44) 2,4,5-Trichlorophenol	13.30	196	130836	42.886	ng		98
46) 1,1'-Biphenyl	13.64	154	427278	34.513	ng		100
47) 2-Chloronaphthalene	13.68	162	329819	35.414	ng		97
48) 2-Nitroaniline	13.88	65	113241	43.308	ng		96
49) Acenaphthylene	14.52	152	540567	38.466	ng		99
50) Dimethylphthalate	14.25	163	501874	41.763	ng		99
51) 2,6-Dinitrotoluene	14.38	165	98189	44.303	ng		93
52) Acenaphthene	14.86	154	325080	35.637	ng		97
53) 3-Nitroaniline	14.71	138	73940	32.621	ng	#	96
54) 2,4-Dinitrophenol	14.91	184	29273	39.522	ng		92
55) Dibenzofuran	15.19	168	532087	36.380	ng		100
56) 4-Nitrophenol	14.99	139	172910	79.609	ng		93
57) 2,4-Dinitrotoluene	15.15	165	136971	47.673	ng		86
58) Fluorene	15.84	166	417133	38.259	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	129296	45.264	ng		98
60) Diethylphthalate	15.60	149	444175	35.749	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	222922	36.109	ng		98
62) 4-Nitroaniline	15.87	138	107998	43.307	ng		93
63) Azobenzene	16.12	77	403895	33.258	ng		99
65) 4,6-Dinitro-2-methylphenol	15.91	198	60964	44.857	ng		97
66) n-Nitrosodiphenylamine	16.05	169	386879	35.881	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	142539	36.234	ng		98
68) Hexachlorobenzene	16.83	284	148711	37.678	ng		94
69) Atrazine	16.99	200	157392	39.945	ng		95
70) Pentachlorophenol	17.18	266	188758	68.811	ng		99
71) Phenanthrene	17.58	178	696815	37.967	ng		98
72) Anthracene	17.68	178	692184	38.289	ng		99
73) Carbazole	17.94	167	644903	35.746	ng		98
74) Di-n-butylphthalate	18.48	149	754725	35.858	ng		99
75) Fluoranthene	19.58	202	845017	39.668	ng		99
77) Benzidine	19.76	184	275537	22.888	ng		99
78) Pyrene	19.95	202	844215	36.932	ng		98
80) Butylbenzylphthalate	20.82	149	352805	36.588	ng		98
81) Benzo(a)anthracene	21.81	228	825282	38.037	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	159650	19.844	ng		99
83) Chrysene	21.88	228	772733	37.413	ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	510800	37.132	ng		98
85) Di-n-octyl phthalate	22.95	149	861121	37.890	ng		97
86) Indeno(1,2,3-cd)pyrene	29.10	276	927900	41.873	ng		97
88) Benzo(b)fluoranthene	24.13	252	822273	39.004	ng		98
89) Benzo(k)fluoranthene	24.21	252	773505	36.545	ng		100
90) Benzo(a)pyrene	25.06	252	795607	39.186	ng		98
91) Dibenzo(a,h)anthracene	29.19	278	748392	39.360	ng		97
92) Benzo(g,h,i)perylene	30.34	276	756959	39.941	ng		100

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

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