Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039420.D
Acq On : 8 Feb 2019 17:57
Operator : JU/SJ
Sample : K1404-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
2/11/2019 10:13:49 AM

Quant Time: Feb 09 00:11:10 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	8.18	152	59737	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	252226	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	166100	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	401603	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	405412	20.00	ng	-0.01
87) Perylene-d12	25.22	264	426535	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	540273	154.79	ng	0.00
7) Phenol-d6	7.32	99	770658	150.00	ng	0.00
23) Nitrobenzene-d5	9.35	82	452566	112.09	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	301156	168.37	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1006239	86.91	ng	-0.01
79) Terphenyl-d14	20.14	244	1547798	80.81	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	59273	38.823	ng	# 93
3) Pyridine	4.01	79	169935	42.040	ng	94
4) n-Nitrosodimethylamine	3.92	42	94512	46.752	ng	85
6) Aniline	7.50	93	174738	27.153	ng	98
8) 2-Chlorophenol	7.74	128	203648	53.378	ng	95
9) Benzaldehyde	7.31	77	101581	39.428	ng	96
10) Phenol	7.34	94	300509	56.111	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	193762	45.786	ng	99
12) 1,3-Dichlorobenzene	8.06	146	211651	45.793	ng	100
13) 1,4-Dichlorobenzene	8.21	146	217952	47.312	ng	98
14) 1,2-Dichlorobenzene	8.53	146	207146	46.449	ng	99
15) Benzyl Alcohol	8.41	79	197810	49.042	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	378365	39.592	ng	99
17) 2-Methylphenol	8.60	107	180340	52.035	ng	97
18) Hexachloroethane	9.26	117	74527	47.023	ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	160940	44.136	ng	92
20) 3+4-Methylphenols	8.93	107	249473	52.272	ng	97
22) Acetophenone	9.00	105	306776	45.279	ng	# 95
24) Nitrobenzene	9.40	77	239487	54.906	ng	99
25) Isophorone	9.91	82	453838	50.725	ng	100
26) 2-Nitrophenol	10.10	139	116895	62.353	ng	96
27) 2,4-Dimethylphenol	10.14	122	206287	56.997	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	279281	50.679	ng	97
29) 2,4-Dichlorophenol	10.63	162	224308	56.706	ng	97
30) 1,2,4-Trichlorobenzene	10.86	180	220848	49.730	ng	96
31) Naphthalene	11.05	128	636214	50.845	ng	99
32) Benzoic acid	10.19	122	6223m	11.153	ng	
33) 4-Chloroaniline	11.15	127	115728	19.947	ng	98
34) Hexachlorobutadiene	11.31	225	141570	47.935	ng	94
35) Caprolactam	11.94	113	78617m	48.029	ng	
36) 4-Chloro-3-methylphenol	12.25	107	237387	51.892	ng	96
37) 2-Methylnaphthalene	12.64	142	474337	51.182	ng	98
38) 1-Methylnaphthalene	12.86	142	454265	50.849	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	265595	50.256	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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	12.97	237	312845	108.635	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	186064	57.261	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	196208	57.613	ng		95
46) 1,1'-Biphenyl	13.63	154	633753	45.858	ng		100
47) 2-Chloronaphthalene	13.69	162	494722	47.586	ng		99
48) 2-Nitroaniline	13.89	65	172513	56.076	ng		99
49) Acenaphthylene	14.53	152	782429	49.876	ng		98
50) Dimethylphthalate	14.25	163	758120	56.513	ng		100
51) 2,6-Dinitrotoluene	14.37	165	148369	57.650	ng		96
52) Acenaphthene	14.86	154	486635	47.789	ng		98
53) 3-Nitroaniline	14.71	138	95135	36.715	ng	#	90
54) 2,4-Dinitrophenol	14.91	184	73285	70.290	ng		97
55) Dibenzofuran	15.20	168	777014	47.592	ng		97
56) 4-Nitrophenol	15.00	139	261529	105.808	ng		90
57) 2,4-Dinitrotoluene	15.16	165	208248	62.097	ng	#	85
58) Fluorene	15.84	166	608928	50.031	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	202310	63.445	ng		95
60) Diethylphthalate	15.60	149	661083	47.663	ng		96
61) 4-Chlorophenyl-phenylether	15.83	204	331981	48.172	ng		93
62) 4-Nitroaniline	15.87	138	161470	56.577	ng		94
63) Azobenzene	16.12	77	588556	43.415	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	108401	61.610	ng		96
66) n-Nitrosodiphenylamine	16.05	169	579667	47.469	ng		100
67) 4-Bromophenyl-phenylether	16.72	248	218667	49.080	ng		95
68) Hexachlorobenzene	16.84	284	220611	49.353	ng		97
69) Atrazine	16.99	200	233551	52.336	ng		100
70) Pentachlorophenol	17.18	266	297879	95.881	ng		99
71) Phenanthrene	17.59	178	1018197	48.985	ng		98
72) Anthracene	17.68	178	1030936	50.353	ng		98
73) Carbazole	17.95	167	938828	45.947	ng		99
74) Di-n-butylphthalate	18.48	149	1086852	45.594	ng		99
75) Fluoranthene	19.58	202	1205539	49.969	ng		99
77) Benzidine	19.77	184	443135	33.339	ng		100
78) Pyrene	19.95	202	1206863	47.819	ng		98
80) Butylbenzylphthalate	20.82	149	526798	49.482	ng		96
81) Benzo(a)anthracene	21.81	228	1204337	50.274	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	192121	21.629	ng		99
83) Chrysene	21.89	228	1104523	48.435	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	737272	48.542	ng		99
85) Di-n-octyl phthalate	22.96	149	1252572	49.918	ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1391178	56.860	ng		98
88) Benzo(b)fluoranthene	24.14	252	1191363	51.216	ng		98
89) Benzo(k)fluoranthene	24.21	252	1134898	48.596	ng		99
90) Benzo(a)pyrene	25.06	252	1169551	52.206	ng		98
91) Dibenzo(a,h)anthracene	29.19	278	1115350	53.163	ng		99
92) Benzo(g,h,i)perylene	30.35	276	1138250	54.433	ng		98

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

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