Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039240.D
Acq On : 21 Jan 2019 19:19
Operator : JU/SJ
Sample : K1015-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-011719-AMSD

Manual Integrations APPROVED
Sohil
1/22/2019 10:00:22 AM

Quant Time: Jan 22 00:11:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13689	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	55804	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	40896	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	107258	20.00	ng	0.00
76) Chrysene-d12	21.67	240	107760	20.00	ng	0.00
87) Perylene-d12	24.93	264	116447	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	111808	154.94	ng	0.00
7) Phenol-d6	7.17	99	139826	134.64	ng	0.00
23) Nitrobenzene-d5	9.19	82	102679	100.68	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	107889	157.38	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	301399	100.86	ng	0.00
79) Terphenyl-d14	20.00	244	563852	96.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	11859	41.966	ng	# 26
3) Pyridine	3.86	79	27367	35.641	ng	98
4) n-Nitrosodimethylamine	3.77	42	18832	54.502	ng	# 95
6) Aniline	7.34	93	24898	19.963	ng	96
8) 2-Chlorophenol	7.57	128	41323	48.579	ng	96
9) Benzaldehyde	7.16	77	9719	16.228	ng	95
10) Phenol	7.20	94	43172	41.464	ng	99
11) bis(2-Chloroethyl)ether	7.43	93	35106	44.116	ng	95
12) 1,3-Dichlorobenzene	7.89	146	39854	39.104	ng	96
13) 1,4-Dichlorobenzene	8.04	146	41725	40.424	ng	99
14) 1,2-Dichlorobenzene	8.36	146	40235	40.883	ng	98
15) Benzyl Alcohol	8.25	79	37961	48.539	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	69790	45.737	ng	97
17) 2-Methylphenol	8.45	107	35181	48.662	ng	97
18) Hexachloroethane	9.08	117	14386	41.025	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	30987	45.438	ng	96
20) 3+4-Methylphenols	8.78	107	49811	48.324	ng	98
22) Acetophenone	8.84	105	64608	44.333	ng	# 99
24) Nitrobenzene	9.23	77	46825	45.426	ng	99
25) Isophorone	9.74	82	92186	52.477	ng	99
26) 2-Nitrophenol	9.94	139	25716	46.123	ng	98
27) 2,4-Dimethylphenol	9.99	122	43367	55.286	ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	52301	49.538	ng	100
29) 2,4-Dichlorophenol	10.48	162	50113	51.425	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	50377	43.025	ng	97
31) Naphthalene	10.87	128	132404	47.307	ng	99
32) Benzoic acid	10.16	122	20331m	43.295	ng	
33) 4-Chloroaniline	11.00	127	6353	5.073	ng	96
34) Hexachlorobutadiene	11.13	225	34705	43.076	ng	96
35) Caprolactam	11.78	113	13028m	33.339	ng	
36) 4-Chloro-3-methylphenol	12.11	107	54624	52.408	ng	96
37) 2-Methylnaphthalene	12.48	142	109594	52.228	ng	97
38) 1-Methylnaphthalene	12.70	142	103125	51.201	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	70318	45.783	ng	100

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Quant Time: Jan 22 00:11:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	73969	85.117	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	49166	50.862	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	54319	53.167	ng		99
46) 1,1'-Biphenyl	13.48	154	145492	44.898	ng		100
47) 2-Chloronaphthalene	13.53	162	116809	44.544	ng		100
48) 2-Nitroaniline	13.75	65	36002	49.006	ng		93
49) Acenaphthylene	14.38	152	194284	49.292	ng		99
50) Dimethylphthalate	14.10	163	162602	47.051	ng		100
51) 2,6-Dinitrotoluene	14.24	165	36646	47.429	ng		98
52) Acenaphthene	14.72	154	111195	46.955	ng		97
53) 3-Nitroaniline	14.58	138	11296	14.412	ng	#	96
54) 2,4-Dinitrophenol	14.78	184	42571	91.338	ng		96
55) Dibenzofuran	15.05	168	195491	46.741	ng		100
56) 4-Nitrophenol	14.89	139	47007	83.351	ng		99
57) 2,4-Dinitrotoluene	15.02	165	52915	47.736	ng		96
58) Fluorene	15.70	166	160935	51.120	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50540	52.405	ng		96
60) Diethylphthalate	15.46	149	166999	46.901	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	94108	47.448	ng		98
62) 4-Nitroaniline	15.74	138	36123	44.240	ng		86
63) Azobenzene	15.98	77	128724	46.229	ng		95
65) 4,6-Dinitro-2-methylphenol	15.79	198	34466	43.374	ng		97
66) n-Nitrosodiphenylamine	15.90	169	145509	45.762	ng		95
67) 4-Bromophenyl-phenylether	16.58	248	61078	44.299	ng		98
68) Hexachlorobenzene	16.70	284	64959	43.177	ng		97
69) Atrazine	16.84	200	61641	45.634	ng		97
70) Pentachlorophenol	17.05	266	70446	76.091	ng		98
71) Phenanthrene	17.44	178	278787	49.175	ng		98
72) Anthracene	17.53	178	284458	50.747	ng		100
73) Carbazole	17.81	167	242548	43.832	ng		99
74) Di-n-butylphthalate	18.34	149	289895	47.092	ng		99
75) Fluoranthene	19.45	202	342556	48.740	ng		99
77) Benzidine	19.64	184	42736	12.966	ng		99
78) Pyrene	19.81	202	341347	49.705	ng		98
80) Butylbenzylphthalate	20.68	149	126277	48.346	ng		99
81) Benzo(a)anthracene	21.65	228	336148	51.243	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	50684	18.963	ng		94
83) Chrysene	21.72	228	311566	49.938	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	178120	49.114	ng		97
85) Di-n-octyl phthalate	22.73	149	307074	50.074	ng		98
86) Indeno(1,2,3-cd)pyrene	28.67	276	387764	52.014	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	340689	53.060	ng		100
89) Benzo(k)fluoranthene	23.96	252	320059	50.415	ng		98
90) Benzo(a)pyrene	24.78	252	331074	53.345	ng		98
91) Dibenzo(a,h)anthracene	28.74	278	323559	52.414	ng		99
92) Benzo(g,h,i)perylene	29.85	276	321132	52.546	ng		96

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

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