Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040289.D
Acq On : 2 Apr 2019 7:46
Operator : JU/SJ
Sample : K2179-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4SMSD

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:34 PM

Quant Time: Apr 02 09:23:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59456	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	275048	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	190853	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	472821	20.00	ng		-0.02
76) Chrysene-d12	21.72	240	438308	20.00	ng		-0.01
87) Perylene-d12	25.05	264	453165	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	427885	119.64	ng		-0.01
7) Phenol-d6	7.21	99	632661	128.00	ng		-0.01
23) Nitrobenzene-d5	9.23	82	366971	70.92	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	263841	127.92	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	878986	68.24	ng		-0.01
79) Terphenyl-d14	20.03	244	1331288	68.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	41989	24.968	ng		96
3) Pyridine	3.90	79	112514	24.849	ng		98
4) n-Nitrosodimethylamine	3.82	42	54867	26.196	ng	#	91
6) Aniline	7.38	93	98881	15.398	ng		97
8) 2-Chlorophenol	7.61	128	135379	32.336	ng		95
9) Benzaldehyde	7.20	77	91475	26.980	ng		99
10) Phenol	7.23	94	195078	36.361	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	127471	29.665	ng		97
12) 1,3-Dichlorobenzene	7.94	146	125122	27.493	ng		95
13) 1,4-Dichlorobenzene	8.09	146	130025	28.685	ng		98
14) 1,2-Dichlorobenzene	8.41	146	127515	29.417	ng		99
15) Benzyl Alcohol	8.30	79	125834	31.612	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	237457	28.794	ng		99
17) 2-Methylphenol	8.49	107	128029	34.487	ng		99
18) Hexachloroethane	9.13	117	46467	26.950	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	109493	30.897	ng		95
20) 3+4-Methylphenols	8.82	107	180031	35.797	ng		98
22) Acetophenone	8.88	105	209767	30.574	ng	#	97
24) Nitrobenzene	9.27	77	156919	29.284	ng		98
25) Isophorone	9.78	82	320548	30.107	ng		99
26) 2-Nitrophenol	9.98	139	78442	30.894	ng		95
27) 2,4-Dimethylphenol	10.02	122	142500	35.333	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	190187	30.193	ng		97
29) 2,4-Dichlorophenol	10.51	162	155182	35.449	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	143460	29.845	ng		99
31) Naphthalene	10.92	128	429565	30.469	ng		98
32) Benzoic acid	10.14	122	8045m	3.301	ng		
33) 4-Chloroaniline	11.03	127	86659	14.410	ng		94
34) Hexachlorobutadiene	11.18	225	84290	27.418	ng		93
35) Caprolactam	11.82	113	56731m	32.656	ng		
36) 4-Chloro-3-methylphenol	12.14	107	180744	35.914	ng		98
37) 2-Methylnaphthalene	12.51	142	341650	32.766	ng		99
38) 1-Methylnaphthalene	12.74	142	327359	32.377	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	174134	28.707	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040289.D
Acq On : 2 Apr 2019 7:46
Operator : JU/SJ
Sample : K2179-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4SMSD

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:34 PM

Quant Time: Apr 02 09:23:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	183493	55.092	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	133228	34.066	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	144901	33.992	ng	97
46) 1,1'-Biphenyl	13.52	154	444984	29.508	ng	98
47) 2-Chloronaphthalene	13.57	162	350141	30.270	ng	99
48) 2-Nitroaniline	13.78	65	122365	31.362	ng	95
49) Acenaphthylene	14.41	152	594978	30.337	ng	98
50) Dimethylphthalate	14.14	163	562665	37.669	ng	99
51) 2,6-Dinitrotoluene	14.27	165	108030	32.210	ng	96
52) Acenaphthene	14.75	154	344768	30.679	ng	97
53) 3-Nitroaniline	14.60	138	71554	20.155	ng	91
54) 2,4-Dinitrophenol	14.81	184	90007	50.462	ng	88
55) Dibenzofuran	15.08	168	579926	32.115	ng	99
56) 4-Nitrophenol	14.90	139	187625	65.482	ng	96
57) 2,4-Dinitrotoluene	15.05	165	152912	32.812	ng	97
58) Fluorene	15.73	166	455301	32.069	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	138766	35.873	ng	97
60) Diethylphthalate	15.49	149	490498	32.091	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	245777	32.386	ng	96
62) 4-Nitroaniline	15.76	138	119296	31.312	ng	99
63) Azobenzene	16.01	77	452130	31.360	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	82555	31.078	ng	95
66) n-Nitrosodiphenylamine	15.93	169	427463	30.895	ng	96
67) 4-Bromophenyl-phenylether	16.61	248	162581	30.555	ng	96
68) Hexachlorobenzene	16.72	284	166547	31.131	ng	98
69) Atrazine	16.87	200	155493	30.211	ng	98
70) Pentachlorophenol	17.07	266	187344	60.570	ng	94
71) Phenanthrene	17.47	178	757246	30.470	ng	99
72) Anthracene	17.56	178	778459	31.295	ng	100
73) Carbazole	17.84	167	717470	30.477	ng	99
74) Di-n-butylphthalate	18.37	149	847214	30.361	ng	100
75) Fluoranthene	19.48	202	897145	30.486	ng	99
77) Benzidine	19.67	184	247310	15.625	ng	98
78) Pyrene	19.84	202	892960	30.980	ng	99
80) Butylbenzylphthalate	20.71	149	380870	30.880	ng	97
81) Benzo(a)anthracene	21.69	228	806741	29.882	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	160789	15.656	ng	97
83) Chrysene	21.76	228	792178	30.532	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	538586	30.547	ng	99
85) Di-n-octyl phthalate	22.80	149	917483	30.543	ng	98
86) Indeno(1,2,3-cd)pyrene	28.87	276	987956m	31.133	ng	
88) Benzo(b)fluoranthene	23.96	252	868067	31.288	ng	98
89) Benzo(k)fluoranthene	24.04	252	818837	32.093	ng	99
90) Benzo(a)pyrene	24.89	252	835566	32.098	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	800036	33.091	ng	98
92) Benzo(g,h,i)perylene	30.19	276	814130	32.766	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040289.D
Acq On : 2 Apr 2019 7:46
Operator : JU/SJ
Sample : K2179-03MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 02 09:23:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-4SMSD

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:34 PM