Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041306.D
Acq On : 18 Jun 2019 20:38
Operator : HP/JU
Sample : K3409-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Manual Integrations APPROVED
mohammad
6/21/2019 9:56:58 PM

Quant Time: Jun 19 06:59:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	38087	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	143674	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	101078	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	254596	20.00	ng	0.00
76) Chrysene-d12	21.74	240	259324	20.00	ng	0.00
87) Perylene-d12	25.04	264	283765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	237216	114.44	ng	0.00
7) Phenol-d6	7.24	99	339091	112.86	ng	0.00
23) Nitrobenzene-d5	9.26	82	232344	68.01	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	148190	95.50	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	381684	51.32	ng	0.00
79) Terphenyl-d14	20.06	244	682386	52.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	29808	28.677	ng	94
3) Pyridine	3.89	79	71739	26.017	ng	94
4) n-Nitrosodimethylamine	3.81	42	52210	35.505	ng	99
6) Aniline	7.41	93	45588	10.916	ng	94
8) 2-Chlorophenol	7.64	128	91793	37.688	ng	97
9) Benzaldehyde	7.22	77	22388	11.650	ng	95
10) Phenol	7.26	94	125139	38.730	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	86579	35.316	ng	95
12) 1,3-Dichlorobenzene	7.96	146	101677	33.341	ng	93
13) 1,4-Dichlorobenzene	8.12	146	102543	32.917	ng	96
14) 1,2-Dichlorobenzene	8.43	146	99270	33.363	ng	92
15) Benzyl Alcohol	8.32	79	99898	34.702	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	131422	32.747	ng	97
17) 2-Methylphenol	8.52	107	83118	35.983	ng	98
18) Hexachloroethane	9.16	117	40149	32.524	ng	90
19) n-Nitroso-di-n-propylamine	8.89	70	79611	32.760	ng	95
20) 3+4-Methylphenols	8.85	107	115934	37.701	ng	97
22) Acetophenone	8.91	105	150976	36.111	ng	97
24) Nitrobenzene	9.30	77	127624	37.145	ng	98
25) Isophorone	9.81	82	225966	36.053	ng	98
26) 2-Nitrophenol	10.01	139	52322	37.562	ng	93
27) 2,4-Dimethylphenol	10.06	122	87672	41.989	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	116436	35.655	ng	98
29) 2,4-Dichlorophenol	10.54	162	103139	39.839	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	114125	34.420	ng	96
31) Naphthalene	10.95	128	282717	36.206	ng	98
32) Benzoic acid	10.20	122	46123	33.934	ng	94
33) 4-Chloroaniline	11.07	127	29729	8.965	ng	97
34) Hexachlorobutadiene	11.21	225	87106	33.097	ng	94
35) Caprolactam	11.85	113	29118m	32.670	ng	
36) 4-Chloro-3-methylphenol	12.18	107	112597	37.653	ng	98
37) 2-Methylnaphthalene	12.55	142	205190	35.678	ng	98
38) 1-Methylnaphthalene	12.77	142	198027	35.989	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	155995	37.375	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041306.D
Acq On : 18 Jun 2019 20:38
Operator : HP/JU
Sample : K3409-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1MSD

Manual Integrations APPROVED
mohammad
6/21/2019 9:56:58 PM

Quant Time: Jun 19 06:59:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	163565	58.178	ng		96
43) 2,4,6-Trichlorophenol	13.15	196	97486	37.757	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	106460	40.072	ng		97
46) 1,1'-Biphenyl	13.55	154	282356	36.951	ng		98
47) 2-Chloronaphthalene	13.60	162	234737	35.680	ng		99
48) 2-Nitroaniline	13.81	65	83528	34.667	ng		88
49) Acenaphthylene	14.44	152	358731	35.934	ng		100
50) Dimethylphthalate	14.16	163	361060	40.147	ng		99
51) 2,6-Dinitrotoluene	14.30	165	66686	35.166	ng		95
52) Acenaphthene	14.78	154	207640	35.420	ng		97
53) 3-Nitroaniline	14.63	138	25376	13.582	ng		95
54) 2,4-Dinitrophenol	14.84	184	73840	55.719	ng		92
55) Dibenzofuran	15.11	168	362566	35.572	ng		100
56) 4-Nitrophenol	14.94	139	101359	71.758	ng		97
57) 2,4-Dinitrotoluene	15.08	165	97372m	35.127	ng		
58) Fluorene	15.76	166	287367	35.841	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	105675	38.465	ng	#	98
60) Diethylphthalate	15.51	149	310045	33.917	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	179948	34.495	ng		96
62) 4-Nitroaniline	15.80	138	61114	30.584	ng		97
63) Azobenzene	16.04	77	288877	35.423	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	53519	32.386	ng		91
66) n-Nitrosodiphenylamine	15.97	169	258840	38.289	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	118382	35.960	ng		97
68) Hexachlorobenzene	16.75	284	119868	34.003	ng	#	94
69) Atrazine	16.91	200	114616	50.596	ng		95
70) Pentachlorophenol	17.11	266	148113	82.052	ng		100
71) Phenanthrene	17.51	178	497340	36.627	ng		99
72) Anthracene	17.59	178	510064	38.103	ng		99
73) Carbazole	17.87	167	445177	38.016	ng		97
74) Di-n-butylphthalate	18.40	149	515888	35.307	ng		99
75) Fluoranthene	19.51	202	659984	36.586	ng		99
77) Benzidine	19.69	184	145571	23.208	ng		98
78) Pyrene	19.87	202	666668	38.119	ng		100
80) Butylbenzylphthalate	20.74	149	243392	36.793	ng		95
81) Benzo(a)anthracene	21.72	228	641978	36.562	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	89218	14.475	ng		95
83) Chrysene	21.78	228	626958	37.130	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	336138	37.286	ng		98
85) Di-n-octyl phthalate	22.82	149	564245	36.994	ng		99
86) Indeno(1,2,3-cd)pyrene	28.85	276	733085	36.593	ng		99
88) Benzo(b)fluoranthene	23.99	252	633804	36.040	ng		98
89) Benzo(k)fluoranthene	24.06	252	620072	35.593	ng		99
90) Benzo(a)pyrene	24.89	252	618617	37.247	ng		98
91) Dibenzo(a,h)anthracene	28.92	278	603774	36.110	ng		96
92) Benzo(g,h,i)perylene	30.06	276	592733	35.871	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041306.D
Acq On : 18 Jun 2019 20:38
Operator : HP/JU
Sample : K3409-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 19 06:59:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
T-1MSD

Manual Integrations APPROVED
mohammad
6/21/2019 9:56:58 PM