Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041598.D
Acq On : 3 Jul 2019 20:22
Operator : HP/JU
Sample : K3618-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070219MSD

Manual Integrations APPROVED
mohammad
7/8/2019 2:11:31 PM

Quant Time: Jul 05 08:22:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	26110	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	90042	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	64869	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	189503	20.00	ng		0.00
76) Chrysene-d12	21.70	240	218360	20.00	ng		0.00
87) Perylene-d12	24.98	264	238830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	169274	115.58	ng		0.00
7) Phenol-d6	7.19	99	220924	107.16	ng		0.00
23) Nitrobenzene-d5	9.21	82	185983	86.15	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	158692	143.28	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	452473	89.51	ng		0.00
79) Terphenyl-d14	20.02	244	1002363	97.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	19872	29.976	ng	#	24
3) Pyridine	3.84	79	41471	24.655	ng		96
4) n-Nitrosodimethylamine	3.75	42	31625	33.788	ng		97
6) Aniline	7.36	93	28785	10.832	ng		96
8) 2-Chlorophenol	7.59	128	65247	39.726	ng		94
9) Benzaldehyde	7.17	77	40255	32.332	ng		97
10) Phenol	7.22	94	70053	33.715	ng		93
11) bis(2-Chloroethyl)ether	7.44	93	56023	33.999	ng		97
12) 1,3-Dichlorobenzene	7.91	146	74332	34.985	ng		99
13) 1,4-Dichlorobenzene	8.06	146	75636	35.313	ng		98
14) 1,2-Dichlorobenzene	8.38	146	74462	36.310	ng		98
15) Benzyl Alcohol	8.28	79	59834	36.443	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	70751	30.576	ng		94
17) 2-Methylphenol	8.48	107	55510	36.701	ng		97
18) Hexachloroethane	9.10	117	28273	33.454	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	52169	33.924	ng		96
20) 3+4-Methylphenols	8.81	107	74521	36.966	ng		95
22) Acetophenone	8.87	105	107822	39.921	ng	#	95
24) Nitrobenzene	9.25	77	85560	39.483	ng		95
25) Isophorone	9.77	82	151343	39.045	ng		97
26) 2-Nitrophenol	9.96	139	35993	39.771	ng		99
27) 2,4-Dimethylphenol	10.01	122	58286	46.275	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	77195	37.663	ng		97
29) 2,4-Dichlorophenol	10.51	162	72479	42.602	ng		92
30) 1,2,4-Trichlorobenzene	10.71	180	87251	40.013	ng		96
31) Naphthalene	10.90	128	205381	41.245	ng		98
32) Benzoic acid	10.21	122	5005m	12.266	ng		
33) 4-Chloroaniline	11.03	127	7507	3.581	ng	#	83
34) Hexachlorobutadiene	11.16	225	68161	39.379	ng		97
35) Caprolactam	11.82	113	16734m	31.501	ng		
36) 4-Chloro-3-methylphenol	12.14	107	77739	42.173	ng		99
37) 2-Methylnaphthalene	12.50	142	151181	41.095	ng		99
38) 1-Methylnaphthalene	12.72	142	143305	40.831	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	120842	42.306	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041598.D
Acq On : 3 Jul 2019 20:22
Operator : HP/JU
Sample : K3618-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Manual Integrations APPROVED
mohammad
7/8/2019 2:11:31 PM

Quant Time: Jul 05 08:22:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	114395	74.096	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	71593	42.245	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	77699m	46.020	ng		
46) 1,1'-Biphenyl	13.51	154	209392	40.891	ng		99
47) 2-Chloronaphthalene	13.55	162	173691	39.509	ng		99
48) 2-Nitroaniline	13.77	65	56742	38.075	ng	#	93
49) Acenaphthylene	14.40	152	276041	42.008	ng		99
50) Dimethylphthalate	14.12	163	239727	40.610	ng		98
51) 2,6-Dinitrotoluene	14.26	165	52881	42.212	ng		97
52) Acenaphthene	14.74	154	160780	41.261	ng		96
53) 3-Nitroaniline	14.61	138	12710	10.628	ng		85
54) 2,4-Dinitrophenol	14.82	184	26159	36.327	ng		96
55) Dibenzofuran	15.07	168	291891	43.028	ng		99
56) 4-Nitrophenol	14.91	139	59345	76.890	ng		97
57) 2,4-Dinitrotoluene	15.05	165	78017	42.928	ng	#	98
58) Fluorene	15.72	166	234801	43.508	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	81550	45.817	ng		99
60) Diethylphthalate	15.48	149	248629	41.147	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	149426	42.926	ng		96
62) 4-Nitroaniline	15.76	138	42600	36.549	ng		98
63) Azobenzene	16.00	77	213273	41.863	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	29444	25.087	ng		94
66) n-Nitrosodiphenylamine	15.93	169	208771	40.029	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	104060	40.183	ng		95
68) Hexachlorobenzene	16.72	284	108347	38.832	ng		96
69) Atrazine	16.87	200	93326	42.273	ng		97
70) Pentachlorophenol	17.07	266	99203	78.467	ng		92
71) Phenanthrene	17.47	178	444553	42.578	ng		99
72) Anthracene	17.56	178	434663	41.608	ng		99
73) Carbazole	17.83	167	377235	42.478	ng		99
74) Di-n-butylphthalate	18.36	149	437130	39.163	ng		99
75) Fluoranthene	19.47	202	600939	43.169	ng		99
77) Benzidine	19.67	184	55512	11.458	ng	#	96
78) Pyrene	19.84	202	600101	40.257	ng		99
80) Butylbenzylphthalate	20.70	149	196889	35.366	ng		99
81) Benzo(a)anthracene	21.67	228	600832	39.578	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	74750	14.220	ng		99
83) Chrysene	21.75	228	592410	40.315	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	284695	36.072	ng		99
85) Di-n-octyl phthalate	22.76	149	500284	37.457	ng		97
86) Indeno(1,2,3-cd)pyrene	28.75	276	734785	41.295	ng		99
88) Benzo(b)fluoranthene	23.93	252	631052	41.426	ng		98
89) Benzo(k)fluoranthene	24.00	252	601317m	40.207	ng		
90) Benzo(a)pyrene	24.83	252	603190	41.692	ng		98
91) Dibenzo(a,h)anthracene	28.81	278	604273	41.691	ng		99
92) Benzo(g,h,i)perylene	29.95	276	605905	42.044	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041598.D
Acq On : 3 Jul 2019 20:22
Operator : HP/JU
Sample : K3618-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 05 08:22:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
HD-01-070219MSD

Manual Integrations APPROVED
mohammad
7/8/2019 2:11:31 PM