Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116746.D
Acq On : 1 Sep 2019 16:53
Operator : HP/JU
Sample : K4525-19MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:54:37 AM

Quant Time: Sep 02 05:53:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	115597	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	469018	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	234654	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	356162	20.00	ng		0.00
76) Chrysene-d12	13.99	240	236548	20.00	ng		0.00
87) Perylene-d12	15.44	264	280314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	803309	112.58	ng		0.00
7) Phenol-d6	6.48	99	1091897	116.54	ng		0.00
23) Nitrobenzene-d5	7.41	82	688785	83.84	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	175616	111.95	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1168685	84.02	ng		0.00
79) Terphenyl-d14	12.95	244	962355	75.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	107026	32.493	ng		98
3) Pyridine	3.36	79	262418	27.516	ng		95
4) n-Nitrosodimethylamine	3.29	42	115022	35.122	ng		82
6) Aniline	6.51	93	374905	28.890	ng		94
8) 2-Chlorophenol	6.63	128	314908	40.429	ng		95
9) Benzaldehyde	6.39	77	227932	36.925	ng		97
10) Phenol	6.49	94	446456	43.032	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	314344	38.911	ng		99
12) 1,3-Dichlorobenzene	6.79	146	322902	36.679	ng		96
13) 1,4-Dichlorobenzene	6.87	146	330480	37.706	ng		98
14) 1,2-Dichlorobenzene	7.02	146	306884	37.783	ng		98
15) Benzyl Alcohol	6.99	79	295976	38.916	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	344751	36.373	ng		99
17) 2-Methylphenol	7.10	107	265158	38.887	ng		95
18) Hexachloroethane	7.36	117	117555	34.522	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	228788	37.086	ng		94
20) 3+4-Methylphenols	7.25	107	323261	40.774	ng	#	80
22) Acetophenone	7.25	105	443429	39.270	ng		98
24) Nitrobenzene	7.43	77	351615	42.080	ng		91
25) Isophorone	7.66	82	646344	38.824	ng		99
26) 2-Nitrophenol	7.74	139	112910	36.346	ng		95
27) 2,4-Dimethylphenol	7.78	122	276896	44.134	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	394738	38.800	ng		99
29) 2,4-Dichlorophenol	7.99	162	245967	40.794	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	254606	38.932	ng		95
31) Naphthalene	8.15	128	912294	40.906	ng		99
32) Benzoic acid	7.91	122	15411m	4.350	ng		
33) 4-Chloroaniline	8.19	127	267182	26.318	ng		98
34) Hexachlorobutadiene	8.27	225	131796	36.961	ng		98
35) Caprolactam	8.55	113	80789m	35.803	ng		
36) 4-Chloro-3-methylphenol	8.67	107	281810	40.666	ng		100
37) 2-Methylnaphthalene	8.84	142	607604	40.947	ng		97
38) 1-Methylnaphthalene	8.94	142	569000	40.620	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	232283	41.294	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116746.D
Acq On : 1 Sep 2019 16:53
Operator : HP/JU
Sample : K4525-19MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:54:37 AM

Quant Time: Sep 02 05:53:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	100454	30.925	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	152680	39.596	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	155182	38.765	ng		94
46) 1,1'-Biphenyl	9.30	154	714771	40.143	ng		97
47) 2-Chloronaphthalene	9.33	162	553769	39.266	ng		99
48) 2-Nitroaniline	9.42	65	188852	46.319	ng		95
49) Acenaphthylene	9.75	152	889974	41.747	ng		99
50) Dimethylphthalate	9.60	163	730741	45.106	ng		98
51) 2,6-Dinitrotoluene	9.66	165	145741	47.151	ng	#	83
52) Acenaphthene	9.92	154	518781	39.605	ng		99
53) 3-Nitroaniline	9.83	138	160572	41.453	ng		98
54) 2,4-Dinitrophenol	9.93	184	2062	10.708	ng	#	81
55) Dibenzofuran	10.09	168	771664	41.790	ng		99
56) 4-Nitrophenol	9.99	139	184478	69.457	ng		85
57) 2,4-Dinitrotoluene	10.06	165	185790	49.158	ng		96
58) Fluorene	10.43	166	592204	42.090	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	104303	36.102	ng		97
60) Diethylphthalate	10.30	149	675712	41.639	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	259992	42.198	ng		98
62) 4-Nitroaniline	10.44	138	173549	46.167	ng		91
63) Azobenzene	10.58	77	687976	40.658	ng		93
65) 4,6-Dinitro-2-methylphenol	10.47	198	3206	9.516	ng		79
66) n-Nitrosodiphenylamine	10.54	169	544067	44.158	ng		98
67) 4-Bromophenyl-phenylether	10.91	248	156574	43.275	ng		92
68) Hexachlorobenzene	10.98	284	154202	40.735	ng		97
69) Atrazine	11.06	200	146144	42.351	ng		96
70) Pentachlorophenol	11.17	266	108857	59.445	ng		98
71) Phenanthrene	11.39	178	884619	44.619	ng		99
72) Anthracene	11.44	178	863809	43.282	ng		100
73) Carbazole	11.59	167	795074	41.822	ng		99
74) Di-n-butylphthalate	11.92	149	1041895	42.750	ng		100
75) Fluoranthene	12.57	202	848662	43.556	ng		98
77) Benzidine	12.69	184	263857	28.439	ng		99
78) Pyrene	12.80	202	845021	40.186	ng		99
80) Butylbenzylphthalate	13.42	149	389726	38.112	ng		97
81) Benzo(a)anthracene	13.99	228	654467	43.715	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	202548	40.034	ng		96
83) Chrysene	14.02	228	661206	42.869	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	544795	43.160	ng		99
85) Di-n-octyl phthalate	14.59	149	970742	46.994	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	623692	50.343	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	702352	41.443	ng	#	96
89) Benzo(k)fluoranthene	15.06	252	643044	41.615	ng		98
90) Benzo(a)pyrene	15.39	252	659826	44.751	ng		97
91) Dibenzo(a,h)anthracene	16.91	278	517175	40.073	ng	#	96
92) Benzo(g,h,i)perylene	17.33	276	487322	37.024	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116746.D
Acq On : 1 Sep 2019 16:53
Operator : HP/JU
Sample : K4525-19MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 02 05:53:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MSD

Manual Integrations APPROVED
mohammad
9/5/2019 9:54:37 AM