Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115438.D
Acq On : 9 Jul 2019 17:43
Operator : HP/JU
Sample : K3687-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12017-VNJ-206MSD

Manual Integrations APPROVED
mohammad
7/10/2019 6:16:51 PM

Quant Time: Jul 10 07:43:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:29:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163497	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	661057	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	335942	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	487579m	20.00	ng		0.00
76) Chrysene-d12	14.30	240	713125	20.00	ng		0.08
87) Perylene-d12	16.04	264	887666	20.00	ng		0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1232079	116.43	ng		0.01
7) Phenol-d6	6.54	99	1657320	123.15	ng		0.01
23) Nitrobenzene-d5	7.46	82	1007831	90.08	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	988791	266.20	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1546555	80.78	ng		0.00
79) Terphenyl-d14	13.07	244	3358384	96.43	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	165614	31.907	ng		98
3) Pyridine	3.54	79	445594	31.046	ng		99
4) n-Nitrosodimethylamine	3.45	42	184678	31.731	ng		98
6) Aniline	6.57	93	470755	24.787	ng		98
8) 2-Chlorophenol	6.69	128	475708	39.812	ng		98
9) Benzaldehyde	6.45	77	251472	30.949	ng		98
10) Phenol	6.55	94	623335	38.711	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	540946	45.284	ng		99
12) 1,3-Dichlorobenzene	6.84	146	490491	37.468	ng		99
13) 1,4-Dichlorobenzene	6.92	146	498618	38.025	ng		98
14) 1,2-Dichlorobenzene	7.07	146	468213	38.566	ng		97
15) Benzyl Alcohol	7.05	79	426383	39.481	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	612129	36.648	ng		100
17) 2-Methylphenol	7.15	107	407380	39.796	ng		99
18) Hexachloroethane	7.42	117	181586	37.173	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	340947	37.446	ng		97
20) 3+4-Methylphenols	7.30	107	488367	40.388	ng	#	90
22) Acetophenone	7.31	105	651652	41.139	ng	#	98
24) Nitrobenzene	7.48	77	544114	43.061	ng		99
25) Isophorone	7.73	82	983492	40.554	ng		99
26) 2-Nitrophenol	7.80	139	270663	52.102	ng		95
27) 2,4-Dimethylphenol	7.83	122	440091	44.428	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	545347	36.467	ng		98
29) 2,4-Dichlorophenol	8.04	162	423520	42.926	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	445179	40.531	ng		99
31) Naphthalene	8.20	128	1364863	41.568	ng		100
32) Benzoic acid	7.96	122	177042	27.487	ng		99
33) 4-Chloroaniline	8.25	127	295703	20.184	ng		98
34) Hexachlorobutadiene	8.32	225	250897	40.279	ng		98
35) Caprolactam	8.65	113	111927	34.831	ng		88
36) 4-Chloro-3-methylphenol	8.73	107	450106	43.130	ng		96
37) 2-Methylnaphthalene	8.89	142	806546	36.750	ng		98
38) 1-Methylnaphthalene	9.00	142	891098	42.554	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	377195	39.029	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115438.D
Acq On : 9 Jul 2019 17:43
Operator : HP/JU
Sample : K3687-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-12017-VNJ-206MSD

Manual Integrations APPROVED
mohammad
7/10/2019 6:16:51 PM

Quant Time: Jul 10 07:43:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:29:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	438976	78.367	ng		96
43) 2,4,6-Trichlorophenol	9.17	196	299623	42.584	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	332313	45.548	ng		99
46) 1,1'-Biphenyl	9.36	154	1157095	43.813	ng		99
47) 2-Chloronaphthalene	9.39	162	895775	41.039	ng		99
48) 2-Nitroaniline	9.47	65	292049	45.541	ng		96
49) Acenaphthylene	9.80	152	1409943	42.664	ng		100
50) Dimethylphthalate	9.66	163	1318724	52.300	ng		99
51) 2,6-Dinitrotoluene	9.72	165	242088m	44.269	ng		
52) Acenaphthene	9.97	154	1042556	50.126	ng		100
53) 3-Nitroaniline	9.89	138	172149m	27.104	ng		
54) 2,4-Dinitrophenol	9.99	184	197945	83.432	ng	#	61
55) Dibenzofuran	10.15	168	1259547	42.991	ng		99
56) 4-Nitrophenol	10.05	139	310813	63.251	ng		89
57) 2,4-Dinitrotoluene	10.12	165	300982	43.308	ng		93
58) Fluorene	10.49	166	854835	37.013	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	285152	45.243	ng		99
60) Diethylphthalate	10.35	149	2004687	80.773	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	397716	35.282	ng		98
62) 4-Nitroaniline	10.50	138	352175	56.489	ng		100
63) Azobenzene	10.63	77	2016296	78.812	ng		99
65) 4,6-Dinitro-2-methylphenol	10.53	198	136492m	56.762	ng		
66) n-Nitrosodiphenylamine	10.59	169	1706577	111.085	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	613359	112.111	ng		97
68) Hexachlorobenzene	11.03	284	684074	111.428	ng		96
69) Atrazine	11.12	200	482143	101.409	ng		99
70) Pentachlorophenol	11.23	266	301127m	80.486	ng		
71) Phenanthrene	11.44	178	2765474	107.845	ng		100
72) Anthracene	11.49	178	2774607	107.902	ng		99
73) Carbazole	11.65	167	2371571	100.813	ng		99
74) Di-n-butylphthalate	11.99	149	2798165	98.421	ng		99
75) Fluoranthene	12.67	202	2944733	109.065	ng		99
77) Benzidine	12.79	184	742300	26.693	ng		98
78) Pyrene	12.91	202	2976091	53.666	ng		99
80) Butylbenzylphthalate	13.61	149	1364276	56.305	ng		99
81) Benzo(a)anthracene	14.28	228	2506605	54.858	ng		100
82) 3,3'-Dichlorobenzidine	14.24	252	520553	31.397	ng		98
83) Chrysene	14.33	228	2295817	48.902	ng		99
84) Bis(2-ethylhexyl)phthalate	14.29	149	1618171	53.927	ng	#	98
85) Di-n-octyl phthalate	15.09	149	3211426	60.119	ng		100
86) Indeno(1,2,3-cd)pyrene	17.60	276	2524861	68.778	ng		100
88) Benzo(b)fluoranthene	15.59	252	3660270m	63.332	ng		
89) Benzo(k)fluoranthene	15.62	252	860775m	16.747	ng		
90) Benzo(a)pyrene	15.98	252	2152151	43.174	ng		99
91) Dibenzo(a,h)anthracene	17.62	278	2074128	48.692	ng		99
92) Benzo(g,h,i)perylene	18.06	276	2157692	53.516	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070919\
Data File : BF115438.D
Acq On : 9 Jul 2019 17:43
Operator : HP/JU
Sample : K3687-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 10 07:43:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:29:09 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
72-12017-VNJ-206MSD

Manual Integrations APPROVED
mohammad
7/10/2019 6:16:51 PM