Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108707.D
Acq On : 31 Aug 2018 23:25
Operator : JU/SJ
Sample : J4535-04MSRE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-036MSRE

Manual Integrations APPROVED
Sohil
9/4/2018 3:53:42 PM

Quant Time: Sep 04 05:58:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	76157	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	278258	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	113985	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	223925	20.00	ng		0.00
75) Chrysene-d12	14.20	240	200873	20.00	ng		0.00
86) Perylene-d12	15.75	264	133548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	420985	96.03	ng		0.00
7) Phenol-d6	6.64	99	609578	97.08	ng		-0.01
23) Nitrobenzene-d5	7.57	82	437562	79.82	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	147166	97.80	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	666778	78.65	ng		0.00
78) Terphenyl-d14	13.12	244	743986	71.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	65576	32.187	ng		91
3) Pyridine	3.74	79	127591	27.105	ng		88
4) n-Nitrosodimethylamine	3.70	42	56889	24.228	ng		80
6) Aniline	6.69	93	141034	20.816	ng	#	81
8) 2-Chlorophenol	6.79	128	185242	34.559	ng		92
9) Benzaldehyde	6.58	77	91983m	23.702	ng		
10) Phenol	6.65	94	190842	26.064	ng		83
11) bis(2-Chloroethyl)ether	6.73	93	205233	31.832	ng		97
12) 1,3-Dichlorobenzene	6.94	146	213440	34.343	ng		99
13) 1,4-Dichlorobenzene	7.02	146	241200	35.554	ng		99
14) 1,2-Dichlorobenzene	7.17	146	230460	36.989	ng		97
15) Benzyl Alcohol	7.16	79	113784m	25.192	ng		
16) 2,2'-oxybis(1-Chloropropan	7.26	45	349325	35.318	ng		69
17) 2-Methylphenol	7.26	107	133766	32.097	ng	#	59
18) Hexachloroethane	7.50	117	69478	29.780	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	143497	34.127	ng		92
20) 3+4-Methylphenols	7.42	107	144660	27.704	ng	#	24
22) Acetophenone	7.41	105	283135	40.760	ng	#	91
24) Nitrobenzene	7.59	77	191291	34.414	ng		95
25) Isophorone	7.81	82	364947	40.075	ng		97
26) 2-Nitrophenol	7.91	139	56169	22.322	ng		93
27) 2,4-Dimethylphenol	7.93	122	161781	44.207	ng		94
28) bis(2-Chloroethoxy)methane	8.02	93	217546	37.816	ng		98
29) 2,4-Dichlorophenol	8.15	162	140003	32.246	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	180688	37.216	ng		99
31) Naphthalene	8.30	128	558405	42.132	ng		100
32) Benzoic acid	8.06	122	19528m	8.321	ng		
33) 4-Chloroaniline	8.37	127	139836	23.901	ng		95
34) Hexachlorobutadiene	8.41	225	115731	36.304	ng		99
35) Caprolactam	8.71	113	32037	27.692	ng	#	85
36) 4-Chloro-3-methylphenol	8.84	107	137366	29.479	ng		97
37) 2-Methylnaphthalene	9.00	142	328288	36.610	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	171756	42.444	ng	#	96
40) Hexachlorocyclopentadiene	9.14	237	6054	10.255	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108707.D
Acq On : 31 Aug 2018 23:25
Operator : JU/SJ
Sample : J4535-04MSRE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-036MSRE

Manual Integrations APPROVED
Sohil
9/4/2018 3:53:42 PM

Quant Time: Sep 04 05:58:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	79765	33.286	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	108651	38.881	ng		95
45) 1,1'-Biphenyl	9.46	154	396791	39.986	ng		97
46) 2-Chloronaphthalene	9.49	162	297652	38.315	ng		97
47) 2-Nitroaniline	9.60	65	96931	37.306	ng		90
48) Acenaphthylene	9.91	152	448184	39.406	ng		100
49) Dimethylphthalate	9.75	163	412092	45.911	ng		99
50) 2,6-Dinitrotoluene	9.82	165	61922	31.297	ng	#	91
51) Acenaphthene	10.08	154	256368	37.700	ng		99
52) 3-Nitroaniline	10.02	138	79824	37.295	ng		91
54) Dibenzofuran	10.25	168	375024	35.244	ng		93
55) 4-Nitrophenol	10.21	139	43833m	34.951	ng		
56) 2,4-Dinitrotoluene	10.24	165	69547	26.548	ng	#	80
57) Fluorene	10.60	166	301322	36.540	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	92997	37.148	ng	#	81
59) Diethylphthalate	10.45	149	329445	36.431	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	157566	33.673	ng		94
61) 4-Nitroaniline	10.65	138	78768	38.032	ng		93
62) Azobenzene	10.74	77	304882	33.920	ng		92
65) n-Nitrosodiphenylamine	10.70	169	270589	36.371	ng		95
66) 4-Bromophenyl-phenylether	11.07	248	100648	36.571	ng	#	90
67) Hexachlorobenzene	11.14	284	102040	34.415	ng	#	88
68) Atrazine	11.22	200	78777	35.077	ng		97
69) Pentachlorophenol	11.34	266	71734	45.531	ng		96
70) Phenanthrene	11.57	178	418320	37.011	ng		98
71) Anthracene	11.62	178	486900	40.999	ng		99
72) Carbazole	11.78	167	429277	37.382	ng		98
73) Di-n-butylphthalate	12.08	149	484619	36.681	ng		99
74) Fluoranthene	12.76	202	530313	41.683	ng		94
76) Benzidine	12.90	184	141681	25.057	ng		97
77) Pyrene	12.99	202	531020	35.167	ng		99
79) Butylbenzylphthalate	13.59	149	234403	36.917	ng	#	94
80) Benzo(a)anthracene	14.19	228	450747	36.809	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	166035	37.387	ng	#	96
82) Chrysene	14.22	228	448112	38.052	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	317805	38.940	ng	#	98
84) Di-n-octyl phthalate	14.76	149	520389	43.367	ng		95
85) Indeno(1,2,3-cd)pyrene	17.38	276	291390	35.586	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	310945	37.903	ng	#	97
88) Benzo(k)fluoranthene	15.32	252	342168	42.104	ng	#	94
89) Benzo(a)pyrene	15.69	252	293332	39.566	ng	#	97
90) Dibenzo(a,h)anthracene	17.39	278	248320	41.938	ng	#	92
91) Benzo(g,h,i)perylene	17.88	276	242083	42.066	ng	#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108707.D
Acq On : 31 Aug 2018 23:25
Operator : JU/SJ
Sample : J4535-04MSRE
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 04 05:58:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-036MSRE

Manual Integrations APPROVED
Sohil
9/4/2018 3:53:42 PM