Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108426.D
Acq On : 23 Aug 2018 17:49
Operator : JU/SJ
Sample : J4535-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:02 PM

Quant Time: Aug 24 01:21:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	141592	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	547536	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	283195	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	568469	20.00	ng		0.00
75) Chrysene-d12	14.19	240	416826	20.00	ng		0.00
86) Perylene-d12	15.75	264	307305	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	706857	90.38	ng		0.00
7) Phenol-d6	6.62	99	964564	92.81	ng		0.00
23) Nitrobenzene-d5	7.57	82	641700	65.40	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	301033	106.57	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1129502	64.03	ng		0.00
78) Terphenyl-d14	13.12	244	1282516	78.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	95862	23.855	ng		88
3) Pyridine	3.70	79	275872	26.649	ng		87
4) n-Nitrosodimethylamine	3.66	42	156402	26.850	ng		86
6) Aniline	6.67	93	381231	26.968	ng		98
8) 2-Chlorophenol	6.79	128	282004	32.016	ng		99
9) Benzaldehyde	6.55	77	140642	17.454	ng		95
10) Phenol	6.64	94	339246	31.557	ng		90
11) bis(2-Chloroethyl)ether	6.73	93	272354	31.337	ng		94
12) 1,3-Dichlorobenzene	6.94	146	314495	30.879	ng		99
13) 1,4-Dichlorobenzene	7.02	146	319790	31.251	ng		97
14) 1,2-Dichlorobenzene	7.17	146	299165	31.431	ng		98
15) Benzyl Alcohol	7.14	79	263153	30.078	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	518980	28.987	ng		99
17) 2-Methylphenol	7.24	107	243408	32.224	ng		94
18) Hexachloroethane	7.51	117	113390	31.125	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	214698	30.549	ng		90
20) 3+4-Methylphenols	7.40	107	301605	31.158	ng	#	85
22) Acetophenone	7.41	105	413870	32.326	ng	#	95
24) Nitrobenzene	7.58	77	317583	32.007	ng		97
25) Isophorone	7.82	82	585539	31.308	ng		97
26) 2-Nitrophenol	7.90	139	143959	38.419	ng	#	87
27) 2,4-Dimethylphenol	7.92	122	254464	30.656	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	350684	32.120	ng		98
29) 2,4-Dichlorophenol	8.14	162	255485	33.445	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	269737	32.027	ng		96
31) Naphthalene	8.31	128	832285	33.424	ng		99
32) Benzoic acid	8.00	122	28402	11.137	ng		95
33) 4-Chloroaniline	8.35	127	292424	26.947	ng		96
34) Hexachlorobutadiene	8.41	225	173041	32.455	ng		99
35) Caprolactam	8.71	113	74463m	31.106	ng		
36) 4-Chloro-3-methylphenol	8.83	107	272046	33.013	ng		99
37) 2-Methylnaphthalene	9.00	142	572863	32.517	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	292586	33.644	ng		98
40) Hexachlorocyclopentadiene	9.15	237	252475	44.946	ng		98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108426.D
Acq On : 23 Aug 2018 17:49
Operator : JU/SJ
Sample : J4535-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:02 PM

Quant Time: Aug 24 01:21:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	191115	35.413	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	209843	35.322	ng	#	93
45) 1,1'-Biphenyl	9.46	154	702079	33.625	ng		99
46) 2-Chloronaphthalene	9.49	162	541972	32.841	ng		99
47) 2-Nitroaniline	9.58	65	184325	34.520	ng		86
48) Acenaphthylene	9.91	152	882268	33.817	ng		100
49) Dimethylphthalate	9.76	163	744470	37.739	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	147721	35.792	ng		92
51) Acenaphthene	10.08	154	521616	32.642	ng		99
52) 3-Nitroaniline	10.00	138	133950	29.663	ng		97
53) 2,4-Dinitrophenol	10.11	184	77600	52.852	ng	#	22
54) Dibenzofuran	10.25	168	773447	33.409	ng		98
55) 4-Nitrophenol	10.16	139	215943	63.150	ng		91
56) 2,4-Dinitrotoluene	10.23	165	196327	36.955	ng	#	94
57) Fluorene	10.60	166	619025	33.777	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	177048	35.656	ng		87
59) Diethylphthalate	10.46	149	647331	33.888	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	316541	33.147	ng		92
61) 4-Nitroaniline	10.62	138	153527	34.388	ng		93
62) Azobenzene	10.75	77	643793	32.634	ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	71357	35.060	ng		92
65) n-Nitrosodiphenylamine	10.71	169	563520	33.545	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	206353	33.403	ng	#	87
67) Hexachlorobenzene	11.15	284	215086	33.090	ng	#	88
68) Atrazine	11.23	200	191563	33.999	ng		95
69) Pentachlorophenol	11.34	266	206900	66.503	ng		96
70) Phenanthrene	11.57	178	901092	33.607	ng		100
71) Anthracene	11.62	178	932162	33.920	ng		100
72) Carbazole	11.77	167	815687	33.408	ng		100
73) Di-n-butylphthalate	12.09	149	986411	35.667	ng		99
74) Fluoranthene	12.76	202	970284	33.158	ng		96
76) Benzidine	12.88	184	348178	22.357	ng		99
77) Pyrene	12.99	202	952699	36.102	ng		99
79) Butylbenzylphthalate	13.59	149	389824	37.201	ng	#	98
80) Benzo(a)anthracene	14.18	228	777548	32.504	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	208000	24.263	ng	#	94
82) Chrysene	14.22	228	727492	33.172	ng		100
83) Bis(2-ethylhexyl)phthalate	14.15	149	506746	35.711	ng	#	98
84) Di-n-octyl phthalate	14.77	149	744560	34.404	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	598843	31.514	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	579583	31.563	ng	#	97
88) Benzo(k)fluoranthene	15.31	252	567761	33.635	ng	#	95
89) Benzo(a)pyrene	15.68	252	530730	32.276	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	503913	37.038	ng	#	92
91) Benzo(g,h,i)perylene	17.86	276	501870	37.462	ng	#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108426.D
Acq On : 23 Aug 2018 17:49
Operator : JU/SJ
Sample : J4535-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 24 01:21:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

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

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:02 PM