Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121405.D
Acq On : 24 Aug 2020 18:22
Operator : JU/CG
Sample : L3773-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMS

Manual Integrations APPROVED
mohammad
8/25/2020 4:19:12 PM

Quant Time: Aug 25 09:44:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	133608	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	453679	20.00	ng		0.01
39) Acenaphthene-d10	9.75	164	225448	20.00	ng		0.02
64) Phenanthrene-d10	11.23	188	422551	20.00	ng		0.02
76) Chrysene-d12	13.86	240	334217	20.00	ng		0.02
86) Perylene-d12	15.27	264	351699	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	819512	100.58	ng		0.01
7) Phenol-d6	6.35	99	980308	94.24	ng		0.00
23) Nitrobenzene-d5	7.27	82	674010	84.02	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	238483	90.78	ng		0.02
45) 2-Fluorobiphenyl	9.06	172	1074269	92.64	ng		0.01
79) Terphenyl-d14	12.81	244	1092561	63.88	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	157331	42.670	ng		99
3) Pyridine	3.08	79	390083	39.418	ng		100
4) n-Nitrosodimethylamine	3.03	42	191682	47.589	ng		100
6) Aniline	6.36	93	400201	33.320	ng	#	62
8) 2-Chlorophenol	6.49	128	421930	49.544	ng		99
9) Benzaldehyde	6.25	77	248017	42.383	ng		96
10) Phenol	6.36	94	478472	43.870	ng		95
11) bis(2-Chloroethyl)ether	6.43	93	405614	48.288	ng		99
12) 1,3-Dichlorobenzene	6.64	146	424132	44.452	ng		98
13) 1,4-Dichlorobenzene	6.72	146	421847	43.796	ng		99
14) 1,2-Dichlorobenzene	6.87	146	402566	43.887	ng		98
15) Benzyl Alcohol	6.85	79	330991	52.886	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	529720	42.829	ng		89
17) 2-Methylphenol	6.97	107	322715	45.926	ng		95
18) Hexachloroethane	7.20	117	157816	44.003	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	256485	45.848	ng		99
20) 3+4-Methylphenols	7.12	107	384052	57.399	ng		92
22) Acetophenone	7.11	105	525435	49.538	ng		96
24) Nitrobenzene	7.29	77	404375	49.460	ng		99
25) Isophorone	7.53	82	780645	53.475	ng		98
26) 2-Nitrophenol	7.60	139	217936	51.975	ng		97
27) 2,4-Dimethylphenol	7.65	122	351706	58.783	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	457820	46.070	ng		96
29) 2,4-Dichlorophenol	7.85	162	339334	51.947	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	353659	47.344	ng		99
31) Naphthalene	8.00	128	1086004	48.097	ng		100
32) Benzoic acid	7.76	122	13200m	9.472	ng		
33) 4-Chloroaniline	8.06	127	318406	31.846	ng		96
34) Hexachlorobutadiene	8.12	225	204585	46.278	ng		98
35) Caprolactam	8.44	113	136736m	63.913	ng		
36) 4-Chloro-3-methylphenol	8.56	107	326383	49.401	ng		100
37) 2-Methylnaphthalene	8.70	142	698095	47.701	ng		99
38) 1-Methylnaphthalene	8.80	142	635520m	45.671	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	299487	44.758	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121405.D
Acq On : 24 Aug 2020 18:22
Operator : JU/CG
Sample : L3773-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMS

Manual Integrations APPROVED
mohammad
8/25/2020 4:19:12 PM

Quant Time: Aug 25 09:44:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	199167	75.530	ng		100
43) 2,4,6-Trichlorophenol	8.99	196	196772	43.015	ng		97
44) 2,4,5-Trichlorophenol	9.03	196	218410	46.408	ng	#	92
46) 1,1'-Biphenyl	9.16	154	622432	36.836	ng		100
47) 2-Chloronaphthalene	9.19	162	561416	40.328	ng		97
48) 2-Nitroaniline	9.29	65	211443	48.240	ng		96
49) Acenaphthylene	9.60	152	966453	46.739	ng		99
50) Dimethylphthalate	9.47	163	651803	39.740	ng		99
51) 2,6-Dinitrotoluene	9.53	165	157025	44.827	ng		93
52) Acenaphthene	9.78	154	524578	41.753	ng		98
53) 3-Nitroaniline	9.70	138	151266	34.520	ng	#	90
54) 2,4-Dinitrophenol	9.82	184	14188	8.402	ng	#	68
55) Dibenzofuran	9.95	168	777513	48.961	ng		98
56) 4-Nitrophenol	9.88	139	228330	84.489	ng		93
57) 2,4-Dinitrotoluene	9.94	165	177308	41.491	ng		93
58) Fluorene	10.29	166	580621	49.897	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	143600	35.693	ng	#	70
60) Diethylphthalate	10.17	149	625232	39.037	ng		100
61) 4-Chlorophenyl-phenylether	10.28	204	290706	49.593	ng		92
62) 4-Nitroaniline	10.32	138	186689	41.580	ng		92
63) Azobenzene	10.45	77	614878	41.333	ng		99
65) 4,6-Dinitro-2-methylphenol	10.36	198	22129	9.793	ng	#	35
66) n-Nitrosodiphenylamine	10.40	169	463453	35.558	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	202504	43.204	ng		93
68) Hexachlorobenzene	10.85	284	213109	39.444	ng		99
69) Atrazine	10.93	200	185487	45.940	ng		98
70) Pentachlorophenol	11.04	266	90400	37.606	ng		99
71) Phenanthrene	11.25	178	894904	40.921	ng		99
72) Anthracene	11.30	178	924743	43.911	ng		99
73) Carbazole	11.46	167	875809	43.576	ng		99
74) Di-n-butylphthalate	11.79	149	987881	40.761	ng		100
75) Fluoranthene	12.44	202	1062847	44.776	ng		98
77) Benzidine	12.56	184	661342	71.823	ng		98
78) Pyrene	12.67	202	1094379	43.591	ng		99
80) Butylbenzylphthalate	13.28	149	511878	47.451	ng		99
81) Benzo(a)anthracene	13.85	228	893394	43.037	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	154814	19.424	ng		98
83) Chrysene	13.89	228	917600	43.220	ng		99
84) Bis(2-ethylhexyl)phthalate	13.84	149	643747	50.744	ng		99
85) Di-n-octyl phthalate	14.45	149	1070233	45.586	ng		100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1031949	48.068	ng		100
88) Benzo(b)fluoranthene	14.87	252	867618	38.185	ng		99
89) Benzo(k)fluoranthene	14.90	252	823351	41.166	ng		100
90) Benzo(a)pyrene	15.22	252	792416	40.363	ng		98
91) Dibenzo(a,h)anthracene	16.66	278	833293	47.340	ng		99
92) Benzo(g,h,i)perylene	17.07	276	914996	53.172	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121405.D
Acq On : 24 Aug 2020 18:22
Operator : JU/CG
Sample : L3773-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 25 09:44:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
DRUM-COMPMS

Manual Integrations APPROVED
mohammad
8/25/2020 4:19:12 PM