Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108383.D
Acq On : 22 Aug 2018 15:16
Operator : JU/SJ
Sample : PB112238BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112238BS

Manual Integrations APPROVED
Sohil
8/23/2018 3:43:06 PM

Quant Time: Aug 22 16:38:09 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	153239	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	636730	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	330709	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	645440	20.00	ng		0.00
75) Chrysene-d12	14.20	240	393205	20.00	ng		0.00
86) Perylene-d12	15.75	264	297648	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1277964	150.99	ng		0.02
7) Phenol-d6	6.64	99	1732965	154.07	ng		0.00
23) Nitrobenzene-d5	7.57	82	922365	80.83	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	550618	166.92	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1830629	88.87	ng		0.00
78) Terphenyl-d14	13.13	244	1792129	115.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	162005	37.250	ng		89
3) Pyridine	3.77	79	447029	39.901	ng		86
4) n-Nitrosodimethylamine	3.73	42	242568	38.478	ng	#	82
6) Aniline	6.67	93	454002	29.675	ng		97
8) 2-Chlorophenol	6.80	128	435349	45.668	ng		99
9) Benzaldehyde	6.55	77	184356	21.141	ng		97
10) Phenol	6.64	94	543168	46.686	ng		85
11) bis(2-Chloroethyl)ether	6.74	93	413777	43.991	ng		93
12) 1,3-Dichlorobenzene	6.94	146	484226	43.931	ng		98
13) 1,4-Dichlorobenzene	7.02	146	493532	44.565	ng		98
14) 1,2-Dichlorobenzene	7.17	146	453798	44.053	ng		98
15) Benzyl Alcohol	7.14	79	335063	35.386	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	787255	40.628	ng		99
17) 2-Methylphenol	7.25	107	378269	46.271	ng	#	93
18) Hexachloroethane	7.51	117	179001	45.401	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	331785	43.621	ng		92
20) 3+4-Methylphenols	7.40	107	474796	45.322	ng	#	74
22) Acetophenone	7.41	105	627077	42.119	ng	#	96
24) Nitrobenzene	7.58	77	490508	42.510	ng		94
25) Isophorone	7.82	82	916296	42.130	ng		96
26) 2-Nitrophenol	7.90	139	223901	51.383	ng		95
27) 2,4-Dimethylphenol	7.93	122	413922	42.881	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	551151	43.409	ng		99
29) 2,4-Dichlorophenol	8.14	162	403903	45.468	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	426893	43.587	ng		97
31) Naphthalene	8.31	128	1286586	44.431	ng		99
32) Benzoic acid	8.05	122	182271	34.464	ng		91
33) 4-Chloroaniline	8.35	127	343590	27.227	ng		98
34) Hexachlorobutadiene	8.41	225	274799	44.321	ng		99
35) Caprolactam	8.73	113	114585m	41.162	ng		
36) 4-Chloro-3-methylphenol	8.84	107	424200	44.265	ng		99
37) 2-Methylnaphthalene	9.00	142	896617	43.764	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	450961	44.405	ng		98
40) Hexachlorocyclopentadiene	9.15	237	448852	68.426	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108383.D
Acq On : 22 Aug 2018 15:16
Operator : JU/SJ
Sample : PB112238BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112238BS

Manual Integrations APPROVED
Sohil
8/23/2018 3:43:06 PM

Quant Time: Aug 22 16:38:09 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	9.28	196	300563	47.692 ng		98
43) 2,4,5-Trichlorophenol	9.32	196	330164	47.591 ng	#	94
45) 1,1'-Biphenyl	9.47	154	1093090	44.830 ng		98
46) 2-Chloronaphthalene	9.50	162	844064	43.798 ng		97
47) 2-Nitroaniline	9.59	65	284516	45.628 ng		88
48) Acenaphthylene	9.91	152	1357336	44.551 ng		99
49) Dimethylphthalate	9.77	163	1017526	44.170 ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	222982	46.265 ng		96
51) Acenaphthene	10.08	154	795052	42.605 ng		99
52) 3-Nitroaniline	10.00	138	177952	33.745 ng		93
53) 2,4-Dinitrophenol	10.11	184	148072	81.908 ng	#	22
54) Dibenzofuran	10.26	168	1183038	43.759 ng		98
55) 4-Nitrophenol	10.17	139	292989	73.371 ng		88
56) 2,4-Dinitrotoluene	10.24	165	299227	48.232 ng		92
57) Fluorene	10.60	166	948386	44.313 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	275839	47.570 ng	#	84
59) Diethylphthalate	10.47	149	995624	44.632 ng		95
60) 4-Chlorophenyl-phenylether	10.59	204	488372	43.793 ng		90
61) 4-Nitroaniline	10.62	138	224655	43.090 ng		90
62) Azobenzene	10.75	77	988763	42.920 ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	109649	45.556 ng		91
65) n-Nitrosodiphenylamine	10.71	169	857353	44.950 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	319105	45.494 ng	#	83
67) Hexachlorobenzene	11.15	284	329202	44.607 ng	#	83
68) Atrazine	11.23	200	288280	45.063 ng		96
69) Pentachlorophenol	11.35	266	304602	86.231 ng		99
70) Phenanthrene	11.57	178	1346595	44.233 ng		99
71) Anthracene	11.62	178	1376950	44.130 ng		99
72) Carbazole	11.78	167	1170903	42.237 ng		99
73) Di-n-butylphthalate	12.09	149	1453623	46.293 ng		98
74) Fluoranthene	12.77	202	1389640	41.825 ng		96
76) Benzidine	12.88	184	460276	31.330 ng		99
77) Pyrene	12.99	202	1364780	54.824 ng		99
79) Butylbenzylphthalate	13.59	149	537533	54.379 ng	#	96
80) Benzo(a)anthracene	14.19	228	1007655	44.654 ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	208718	25.809 ng	#	98
82) Chrysene	14.22	228	916414	44.296 ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	688705	51.449 ng		99
84) Di-n-octyl phthalate	14.77	149	986741	48.334 ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	884075	49.319 ng	#	91
87) Benzo(b)fluoranthene	15.28	252	826697	46.481 ng	#	96
88) Benzo(k)fluoranthene	15.32	252	709278	43.383 ng	#	95
89) Benzo(a)pyrene	15.68	252	741126	46.534 ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	747216	56.703 ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	751665	57.928 ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108383.D
Acq On : 22 Aug 2018 15:16
Operator : JU/SJ
Sample : PB112238BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 22 16:38:09 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 :
PB112238BS

Manual Integrations APPROVED
Sohil
8/23/2018 3:43:06 PM